

"DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION

FOR INTERNAL USE ONLY"

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)

CitationID 60.5420a(b)

Template Version v1.00

Last Updated Date

"40 CFR Part 60, Subpart OOOOa Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - §60.5420a Annual Report Spreadsheet Template"

"Instructions for Spreadsheet Template

Purpose:

This spreadsheet template was designed by the U.S. EPA to facilitate annual reporting for Oil and Gas Facilities under 40 CFR part 60, subpart OOOOa. CEDRI is accessed through the EPA's Central Data Exchange (<https://cdx.epa.gov>)

Electronic reporting:

Electronic submission of annual reports through the EPA's Compliance and Emissions Data Reporting (CEDRI) is required under §60.5420a(b).

The CEDRI spreadsheet template upload feature allows you to submit data in a single report for a single facility or multiple facilities, as well as multiple sites, using this EPA provided Excel workbook. Data for the site(s) must be entered into the worksheet labeled ""Site Information"" in this Excel workbook. Each row in the ""Site Information"" worksheet includes the data for a single site. The Site Record No. will be used to match the information on each tab to the appropriate site.

IMPORTANT: For each site/facility record found in the ""Site Information"" worksheet, you may reference a single file attachment that includes all information for each citation found in the workbook or provide individual file names for each individual citation record. In the examples provided in the workbook, we provide both as an example.

The spreadsheet must be uploaded into CEDRI as a single ZIP file, which must include this Excel workbook and any related attachments that were referenced in any of the worksheets found in the workbook (e.g., the Certification file found in the ""Site Information"" worksheet).

Note: If you are uploading file attachments for your report, the uploaded files may be in any format (e.g., zip, docx, PDF). If you would like to include an Excel file(s) as an attachment, you must first zip the excel file(s) into a separate ZIP file to the master ZIP file that will be uploaded into CEDRI.

Once all data have been entered in the worksheet, combine this Excel workbook and all attachment files (including any ZIP file containing separate excel file(s), if applicable) into a single ZIP file for upload to CEDRI.

Please ensure your report includes all of the required data elements found in the listed citations below for this spreadsheet upload submission.

"

You must submit annual reports containing the information specified in paragraphs (b)(1) through (8) and (12) of this section. You must submit annual reports following the procedure specified in paragraph (b)(11) of this section.

"§60.5420a What are my notification, reporting, and recordkeeping requirements?

(b) Reporting requirements. You must submit annual reports containing the information specified in paragraphs (b)(1) through (8) and (12) of this section and performance test reports as specified in paragraph (b)(9) or (10) of this section, if applicable, except as provided in paragraph (b)(13) of this section. You must submit annual reports following the procedure specified in paragraph (b)(11) of this section. The initial annual report is due no later than 90 days after the end of the initial compliance period as determined according to §60.5410a. Subsequent annual reports are due no later than same date each year as the initial annual report. If you own or operate more than one affected facility, you may submit one report for multiple affected facilities provided the report contains all of the information required as specified in paragraphs (b)(1) through (8) of this section, except as provided in paragraph (b)(13) of this section. Annual reports may coincide with title V reports as long as all the required elements of the annual report are included. You may arrange with the Administrator a common schedule on which reports required by this part may be submitted as long as the schedule does not extend the reporting period.

(1) The general information specified in paragraphs (b)(1)(i) through (iv) of this section for all reports.

(i) The company name, facility site name associated with the affected facility, US Well ID or US Well ID associated with the affected facility, if applicable, and address of the affected facility. If an address is not available for the site, include a description of the site location and provide the latitude and longitude coordinates of the site in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the North American Datum of 1983.

(ii) An identification of each affected facility being included in the annual report.

(iii) Beginning and ending dates of the reporting period.

(iv) A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(2) For each well affected facility, the information in paragraphs (b)(2)(i) through (iii) of this section.

(i) Records of each well completion operation as specified in paragraphs (c)(1)(i) through (iv) and (vi) of this section, if applicable, for each well affected facility conducted during the reporting period. In lieu of submitting the records specified in paragraph (c)(1)(i) through (iv) of this section, the owner or operator may submit a list of the well completions with hydraulic fracturing completed during the reporting period and the records required by paragraph (c)(1)(v) of this section for each well completion.

(ii) Records of deviations specified in paragraph (c)(1)(ii) of this section that occurred during the reporting period.

(iii) Records specified in paragraph (c)(1)(vii) of this section, if applicable, that support a determination under 60.5432a that the well affected facility is a low pressure well as defined in 60.5430a.

(3) For each centrifugal compressor affected facility, the information specified in paragraphs (b)(3)(i) through (iv) of this section.

(i) An identification of each centrifugal compressor using a wet seal system constructed, modified or reconstructed during the reporting period.

(ii) Records of deviations specified in paragraph (c)(2) of this section that occurred during the reporting period.

(iii) If required to comply with §60.5380a(a)(2), the records specified in paragraphs (c)(6) through (11) of this section.

(iv) If complying with §60.5380a(a)(1) with a control device tested under §60.5413a(d) which meets the criteria in §60.5413a(d)(11) and §60.5413a(e), records specified in paragraph (c)(2)(i) through (c)(2)(vii) of this section for each centrifugal compressor using a wet seal system constructed, modified or reconstructed during the reporting period.

(4) For each reciprocating compressor affected facility, the information specified in paragraphs (b)(4)(i) and (ii) of this section.

(i) The cumulative number of hours of operation or the number of months since initial startup or since the previous reciprocating compressor rod packing replacement, whichever is later. Alternatively, a statement that emissions from the rod packing are being routed to a process through a closed vent system under negative pressure.

(ii) Records of deviations specified in paragraph (c)(3)(iii) of this section that occurred during the reporting period.

(5) For each pneumatic controller affected facility, the information specified in paragraphs (b)(5)(i) through (iii) of this section.

(i) An identification of each pneumatic controller constructed, modified or reconstructed during the reporting period, including the identification information specified in §60.5390a(b)(2) or (c)(2).

(ii) If applicable, documentation that the use of pneumatic controller affected facilities with a natural gas bleed rate greater than 6 standard cubic feet per hour are required and the reasons why.

(iii) Records of deviations specified in paragraph (c)(4)(v) of this section that occurred during the reporting period.

(6) For each storage vessel affected facility, the information in paragraphs (b)(6)(i) through (vii) of this section.

(i) An identification, including the location, of each storage vessel affected facility for which construction, modification or reconstruction commenced during the reporting period. The location of the storage vessel shall be in latitude and longitude coordinates in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the North American Datum of 1983.

(ii) Documentation of the VOC emission rate determination according to §60.5365a(e) for each storage vessel that became an affected facility during the reporting period or is returned to service during the reporting period.

(iii) Records of deviations specified in paragraph (c)(5)(iii) of this section that occurred during the reporting period.

(iv) A statement that you have met the requirements specified in §60.5410a(h)(2) and (3).

(v) You must identify each storage vessel affected facility that is removed from

service during the reporting period as specified in §60.5395a(c)(1)(ii), including the date the storage vessel affected facility was removed from service.

(vi) You must identify each storage vessel affected facility returned to service during the reporting period as specified in §60.5395a(c)(3), including the date the storage vessel affected facility was returned to service.

(vii) If complying with §60.5395a(a)(2) with a control device tested under §60.5413a(d) which meets the criteria in §60.5413a(d)(11) and §60.5413a(e), records specified in paragraphs (c)(5)(vi)(A) through (F) of this section for each storage vessel constructed, modified, reconstructed or returned to service during the reporting period.

(7) For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, the records of each monitoring survey including the information specified in paragraphs (b)(7)(i) through (xii) of this section. For the collection of fugitive emissions components at a compressor station, if a monitoring survey is waived under §60.5397a(g)(5), you must include in your annual report the fact that a monitoring survey was waived and the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived.

(i) Date of the survey.

(ii) Beginning and end time of the survey.

(iii) Name of operator(s) performing survey. If the survey is performed by optical gas imaging, you must note the training and experience of the operator.

(iv) Ambient temperature, sky conditions, and maximum wind speed at the time of the survey.

(v) Monitoring instrument used.

(vi) Any deviations from the monitoring plan or a statement that there were no deviations from the monitoring plan.

(vii) Number and type of components for which fugitive emissions were detected.

(viii) Number and type of fugitive emissions components that were not repaired as required in §60.5397a(h).

(ix) Number and type of difficult-to-monitor and unsafe-to-monitor fugitive emission components monitored.

(x) The date of successful repair of the fugitive emissions component.

(xi) Number and type of fugitive emission components placed on delay of repair and explanation for each delay of repair.

(xii) Type of instrument used to resurvey a repaired fugitive emissions component that could not be repaired during the initial fugitive emissions finding.

(8) For each pneumatic pump affected facility, the information specified in paragraphs (b)(8)(i) through (iii) of this section.

(i) For each pneumatic pump that is constructed, modified or reconstructed during the reporting period, you must provide certification that the pneumatic pump meets one of the conditions described in paragraphs (b)(8)(i)(A), (B) or (C) of this section.

(A) No control device or process is available on site.

(B) A control device or process is available on site and the owner or operator has determined in accordance with §60.5393a(b)(5) that it is technically infeasible to capture and route the emissions to the control device or process.

(C) Emissions from the pneumatic pump are routed to a control device or process. If the control device is designed to achieve less than 95 percent emissions reduction, specify the percent emissions reductions the control device is designed to achieve.

(ii) For any pneumatic pump affected facility which has been previously reported as required under paragraph (b)(8)(i) of this section and for which a change in the

reported condition has occurred during the reporting period, provide the identification of the pneumatic pump affected facility and the date it was previously reported and a certification that the pneumatic pump meets one of the conditions described in paragraphs (b)(8)(ii)(A), (B) or (C) or (D) of this section.

(A) A control device has been added to the location and the pneumatic pump now reports according to paragraph (b)(8)(i)(C) of this section.

(B) A control device has been added to the location and the pneumatic pump affected facility now reports according to paragraph (b)(8)(i)(B) of this section.

(C) A control device or process has been removed from the location or otherwise is no longer available and the pneumatic pump affected facility now report according to paragraph (b)(8)(i)(A) of this section.

(D) A control device or process has been removed from the location or is otherwise no longer available and the owner or operator has determined in accordance with §60.5393a(b)(5) through an engineering evaluation that it is technically infeasible to capture and route the emissions to another control device or process.

(iii) Records of deviations specified in paragraph (c)(16)(ii) of this section that occurred during the reporting period.

(12) You must submit the certification signed by the qualified professional engineer according to §60.5411a(d) for each closed vent system routing to a control device or process.

(11) You must submit reports to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX (<https://cdx.epa.gov/>)). You must use the appropriate electronic report in CEDRI for this subpart or an alternate electronic file format consistent with the extensible markup language (XML) schema listed on the CEDRI Web site (<https://www3.epa.gov/ttn/chief/cedri/>). If the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, you must submit the report to the Administrator at the appropriate address listed in §60.4. Once the form has been available in CEDRI for at least 90 calendar days, you must begin submitting all subsequent reports via CEDRI. The reports must be submitted by the deadlines specified in this subpart, regardless of the method in which the reports are submitted.

"

"DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION
FOR INTERNAL USE ONLY"

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)
CitationID 60.5420a(b)
Template Version v1.00
Last Updated Date

"40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report"

"For each affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (iv) of this section in all annual reports: "

The asterisk (*) next to each field indicates that the corresponding field is required.

SITE INFORMATION ALTERNATIVE ADDRESS
INFORMATION (IF NO PHYSICAL ADDRESS AVAILABLE FOR SITE *) REPORTING
INFORMATION PE Certification ADDITIONAL INFORMATION

FRS ID "Facility Record No. *

(Field value will automatically generate if a value is not entered.)" Company Name *
(\$60.5420a(b)(1)(i)) Facility Site Name * (\$60.5420a(b)(1)(i)) "US Well ID or US
Well ID Associated with the Affected Facility, if applicable. * (\$60.5420a(b)(1)(i))"
Address of Affected Facility * (\$60.5420a(b)(1)(i)) Address 2 City * County *
State Abbreviation * Zip Code * Responsible Agency Facility ID (State Facility
Identifier) "Description of Site Location

(\$60.5420a(b)(1)(i))" "Latitude of the Site (decimal degrees to 5 decimals using the
North American Datum of 1983)

(\$60.5420a(b)(1)(i))" Longitude of the Site (decimal degrees to 5 decimals using the
North American Datum of 1983) (\$60.5420a(b)(1)(i)) Beginning Date of Reporting
Period.* (\$60.5420a(b)(1)(iii)) Ending Date of Reporting Period.*
(\$60.5420a(b)(1)(iii)) "Please provide the file name that contains the
certification signed by a qualified professional engineer for each closed vent system
routing to a control device or process. *

(\$60.5420a(b)(12))

Please provide only one file per record." Please enter any additional information.
Enter associated file name reference.

XML Tag: FacilityName SiteName WellId AddressLine1 AddressLine2
CityName CountyName StateName ZipCode StateFacId SiteDescription
SiteLatitude SiteLongitude PeriodStartDate PeriodEndDate PeCertFile
AddInfo AddFile

e.g.: ABC Company e.g.: XYZ Compressor Station e.g.: 12-345-67890-12 e.g.: 123
Main Street e.g.: Suite 100 e.g.: Brooklyn e.g.: Kings County e.g.: NY
e.g.: 11221 e.g.: 7 miles NE of the intersection of Hwy 123 and Hwy 456 e.g.:

34.12345 e.g.: -101.12345 e.g.: 01/01/2016 e.g.: 06/30/2016 e.g.:
 Certification.pdf or XYZCompressorStation.pdf e.g.: addlinfinfo.zip or
 XYZCompressorStation.pdf

110070126879	27	"Ultra Resources, Inc."	Well Site - Central Tank Battery 16S	16S
15 miles south of US Hwy 191 on Hwy 88 40.121058 -109.666308 8/2/2016				
8/1/2017				
110070126879	24	"Ultra Resources, Inc."	Well Site - Well Pad 3-33-820	
15 miles south of US Hwy 191 on Hwy 88 40.153289 -109.656369 8/2/2016				
8/1/2017				
110070126879	26	"Ultra Resources, Inc."	Well Site - Central Tank Battery N33	
15 miles south of US Hwy 191 on Hwy 88 40.168425 -109.679233 8/2/2016				
8/1/2017				
110070126879	25	"Ultra Resources, Inc."	Well Site - Well Pad 5-11-820	
"15 miles south of US Hwy 191 on Hwy 88, then 1 mile west on 10000S" 40.156771 -				
109.700096	8/2/2016	8/1/2017		
110070126879	1	"Ultra Resources, Inc."	TR33-32-720	4304754695
15 miles south of US Hwy 191 on Hwy 88 40.169456 109.674975 8/2/2016				
8/1/2017				
110070126879	2	"Ultra Resources, Inc."	TR33-31-720	4304754689
15 miles south of US Hwy 191 on Hwy 88 40.169867 109.674839 8/2/2016				
8/1/2017				
110070126879	3	"Ultra Resources, Inc."	TR33-21-720	4304754690
15 miles south of US Hwy 191 on Hwy 88 40.169876 109.674981 8/2/2016				
8/1/2017				
110070126879	4	"Ultra Resources, Inc."	TR33-43-720	4304754697
15 miles south of US Hwy 191 on Hwy 88 40.165386 109.669797 8/2/2016				
8/1/2017				
110070126879	5	"Ultra Resources, Inc."	TR33-42-720	4304754698
15 miles south of US Hwy 191 on Hwy 88 40.165717 109.669806 8/2/2016				
8/1/2017				
110070126879	6	"Ultra Resources, Inc."	TR33-16T-720	4304754545
15 miles south of US Hwy 191 on Hwy 88 40.163453 109.677661 8/2/2016				
8/1/2017				
110070126879	7	"Ultra Resources, Inc."	TR33-23-720	4304754251
15 miles south of US Hwy 191 on Hwy 88 40.163719 109.677917 8/2/2016				
8/1/2017				
110007202446	1	"Merit Energy Company, LLC"	McAllen Ranch Central Production Facility	
Hidalgo TX RN102599560 FROM MCCOOK; FM 681				
NORTH; 12 MILES; RIGHT ON FM 1017; 4.5 MILES EAST TO PLANT 26.62067 -98.316372				
42265	42949			
110007206353	2	"Merit Energy Company, LLC"	McAllen Ranch Manifold #5 Facility	
Hidalgo TX RN102583770 "FROM INTERSECTION OF HWY 1017 & HWY 681 NEAR LA				
REFORMA, TX. GO EAST ON HWY 1017 FOR 4 MILES TO PROVATE ROAD ON THE LEFT WITH GUARD H				
OUSE. CONTINUE DOWN PRIVATE RD FOR 4 MILES" 26.665215 -98.298946 42265				
42949				
110034200736	3	"Merit Energy Company, LLC"	East McCook Central Facility	
Hidalgo TX RN102570595 "ONE MILE W.OF INTERSECTION 681 ON FM 2058 - 0.9				
MILES SOUTH OF MCCOOK, TX ON FM 2058." 26.468799 -98.382358 42265 42949				
110034216774	4	"Merit Energy Company, LLC"	Javelina Facility	
Hidalgo TX RN102570231 "1.6 MILES WEST of MCCOOK, TX; on HWY 490"				

26.418661 -98.418661 42265 42949

110033243577 5 "Merit Energy Company, LLC" Bentsen Central Compression
Facility Starr TX RN104928619 "FROM PUERTO RICO, TAKE
FM 1017 WEST TO FM 681 AND TURN LEFT; GO SOUTH FOR 9.3 MILES TO A ROAD ON THE RIGHT AND
TURN RIGHT; GO 5.5 MILES TO SITE ON THE LEFT, PUERTO RICO, STARR COUNTY" 26.564433
-98.509476 42265 42949

110034221090 6 "Merit Energy Company, LLC" El Ebanito Facility
Starr TX RN100841097 "FROM MCCOOK, STARR COUNTY, TEXAS; FM 490 WEST 8
MILES; EL PANAL ROAD SOUTH 2 MILES TO CROSSROAD; CONTINUE SOUTH FROM THE CROSSROAD
TAKING THE FORK TO THE RIGHT; FACILITY AHEAD." 26.480044 -98.533172 42265
42949

110034277690 7 "Merit Energy Company, LLC" Pharr No. 26 Facility
Hidalgo TX RN104147277 "GO S. ON 281 IN PHARR, TX. TAKE LEFT ON E. MOORE
DR. AFTER 1 MI TAKE RIGHT ON S 1ST. " 26.164965 -98.166086 42265 42949

110034877710 8 "Merit Energy Company, LLC" Ward Facility
Hidalgo TX RN102516978 GO N FROM PHARR TX ON 281 TAKE A LEFT ON W FM 495
AFTER 2 MI TAKE A LEFT ON N JACKSON RD THE FACILITY IS LOCATED 1 MI DOWN THE RD ON THE
RIGHT 26.203785 -98.20556 42265 42949

110070131923 Wefler N U1H "Statoil USA Onshore Properties, Inc." Wefler Pad
34-111-2446201-00 45367 Township Road Clarington Monroe OH 43915
656035008 3 miles north of Route 7 39.7387515 -80.9085048 12/1/2016
8/2/2017 Tanks contain only produced water and VOC emissions are less than 6
TPY. Vent system not required.

110070131923 Wefler N U2H "Statoil USA Onshore Properties, Inc." Wefler Pad
34-111-2460603-00 45367 Township Road Clarington Monroe OH 43915
656035008 3 miles north of Route 7 39.7388886 -80.908572 12/3/2016
8/2/2017 Tanks contain only produced water and VOC emissions are less than 6
TPY. Vent system not required.

110070131923 Wefler N U3H "Statoil USA Onshore Properties, Inc." Wefler Pad
34-111-2460700-00 45367 Township Road Clarington Monroe OH 43915
656035008 3 miles north of Route 7 39.738848 -80.908553 12/2/2016
8/2/2017 Tanks contain only produced water and VOC emissions are less than 6
TPY. Vent system not required.

110070131923 Wefler S U4H "Statoil USA Onshore Properties, Inc." Wefler Pad
34-111-2463600-00 45367 Township Road Clarington Monroe OH 43915
656035008 3 miles north of Route 7 39.73872 -80.90850 12/4/2016 8/2/2017
Tanks contain only produced water and VOC emissions are less than 6 TPY. Vent system
not required.

110067351163 Eisenbarth U4H "Statoil USA Onshore Properties, Inc." Eisenbarth
Pad 34-111-2444001-00 42223 Long Ridge Road Clarington Monroe OH
43915 656035002 2 miles north of Route 7 39.697638 -80.899041 12/16/2016
8/2/2017 Tanks contain only produced water and VOC emissions are less than 6
TPY. Vent system not required.

110070131885 1 Aera Energy LLC Ventura several 1800 School Canyon Rd
Ventura Ventura CA 93001 0041 N/A N/A N/A 8/2/2016 8/2/2017
N/A N/A

110070131947 1 "HRC Operating, LLC" HANDIES FB 148-94-22A-27-12H(LL) N/A
N/A Mandaree Dunn ND 58757 94W 148N S22 NENE 47.63055 -
102.63183 8/2/2016 8/2/2017 N/A Produces into a common battery

110070131947 2 "HRC Operating, LLC" HANDIES FB 148-94-22A-27-11H N/A
N/A Mandaree Dunn ND 58757 94W 148N S22 NENE 47.63055 -
102.63183 8/2/2016 8/2/2017 N/A Produces into a common battery

110070131947 3 "HRC Operating, LLC" VERMEJO FB 152-93-7C-6-7H N/A N/A
New Town McKenzie ND 58763 93W 152N S7 SESW 47.99314 -102.63663
8/2/2016 8/2/2017 N/A Produces into a common battery

110070131947 4 "HRC Operating, LLC" VERMEJO FB 152-93-7C-6-5H N/A N/A
New Town McKenzie ND 58763 93W 152N S7 SESW 47.99314 -102.63663

8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	5	"HRC Operating, LLC"	VERMEJO	FB 152-93-7C-6-6H	N/A	N/A
New Town	McKenzie	ND	58763	93W 152N S7 SESW	47.99314	-102.63663
8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	6	"HRC Operating, LLC"	VERMEJO	FB 152-93-7C-6-14H	N/A	
N/A	New Town	McKenzie	ND	58763	93W 152N S7 SESW	47.99314
102.63663	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	7	"HRC Operating, LLC"	VERMEJO	FB 152-93-7C-6-11H	N/A	
N/A	New Town	McKenzie	ND	58763	93W 152N S7 SESW	47.99314
102.63663	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	8	"HRC Operating, LLC"	VERMEJO	FB 152-93-7C-6-8H	N/A	N/A
New Town	McKenzie	ND	58763	93W 152N S7 SESW	47.99314	-102.63663
8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	9	"HRC Operating, LLC"	VERMEJO	FB 152-93-7C-6-9H	N/A	N/A
New Town	McKenzie	ND	58763	93W 152N S7 SESW	47.99314	-102.63663
8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	10	"HRC Operating, LLC"	VERMEJO	FB 152-93-7C-6-10H	N/A	
N/A	New Town	McKenzie	ND	58763	93W 152N S7 SESW	47.99314
102.63663	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	11	"HRC Operating, LLC"	VERMEJO	FB 152-93-7C-6-12H(LL)	N/A	
N/A	New Town	McKenzie	ND	58763	93W 152N S7 SESW	47.99314
102.63663	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	12	"HRC Operating, LLC"	VERMEJO	FB 152-93-7C-6-13H(LL)	N/A	
N/A	New Town	McKenzie	ND	58763	93W 152N S7 SESW	47.99314
102.63663	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	13	"HRC Operating, LLC"	OKLAHOMA	FB 148-94-36D-25-10H(LL)		
N/A	N/A	Mandaree	Dunn	ND	58757	94W 147N S1 NWNE
102.58836	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	14	"HRC Operating, LLC"	OKLAHOMA	FB 148-94-36D-25-11H	N/A	
N/A	Mandaree	Dunn	ND	58757	94W 147N S1 NWNE	47.58735
102.58836	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	15	"HRC Operating, LLC"	OKLAHOMA	FB 147-94-1A-12-12H(LL)		
N/A	N/A	Mandaree	Dunn	ND	58757	94W 147N S1 NWNE
102.58836	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	16	"HRC Operating, LLC"	OKLAHOMA	FB 147-94-1A-12-11H(LL)		
N/A	N/A	Mandaree	Dunn	ND	58757	94W 147N S1 NWNE
102.58836	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	17	"HRC Operating, LLC"	LA PLATA	FB 152-94-22D-15-10H(LL)		
N/A	N/A	New Town	McKenzie	ND	58763	94W 152N S22 SESE
-102.68782	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	18	"HRC Operating, LLC"	LA PLATA	FB 152-94-22D-15-11H(LL)		
N/A	N/A	New Town	McKenzie	ND	58763	94W 152N S22 SESE
-102.68782	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	19	"HRC Operating, LLC"	WINDOM	FB 148-94-36C-25-7H	N/A	
N/A	Mandaree	Dunn	ND	58757	94W 148N S36 SESW	47.58997
102.59973	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	20	"HRC Operating, LLC"	WINDOM	FB 148-94-36C-25-5H	N/A	
N/A	Mandaree	Dunn	ND	58757	94W 148N S36 SESW	47.58997
102.59973	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	21	"HRC Operating, LLC"	WINDOM	FB 148-94-36C-25-4H	N/A	
N/A	Mandaree	Dunn	ND	58757	94W 148N S36 SESW	47.58997
102.59973	8/2/2016	8/2/2017	N/A	Produces into a common battery		
110070131947	22	"HRC Operating, LLC"	WINDOM	FB 148-94-36C-25-12H	N/A	
N/A	Mandaree	Dunn	ND	58757	94W 148N S36 SESW	47.58997

102.59973	8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	23	"HRC Operating, LLC"	WINDOM	FB 148-94-36C-25-8H	N/A		
N/A	Mandaree	Dunn	ND	58757	94W 148N S36 SESW	47.58997	-
102.59973	8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	24	"HRC Operating, LLC"	WINDOM	FB 148-94-36C-25-6H	N/A		
N/A	Mandaree	Dunn	ND	58757	94W 148N S36 SESW	47.58997	-
102.59973	8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	25	"HRC Operating, LLC"	PYRAMID 2	FB 148-94-35D-26-11H(LL)			
N/A	N/A	Mandaree	Dunn	ND	58757	94W 147N S2 NWNE	47.58778
102.61446	8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	26	"HRC Operating, LLC"	PYRAMID 2	FB 148-94-35D-26-12H	N/A		
N/A	Mandaree	Dunn	ND	58757	94W 147N S2 NWNE	47.58778	-
102.61446	8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	27	"HRC Operating, LLC"	PYRAMID 2	FB 148-94-35D-26-13H	N/A		
N/A	Mandaree	Dunn	ND	58757	94W 147N S2 NWNE	47.58778	-
102.61446	8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	28	"HRC Operating, LLC"	SNEFFELS 3	FB 148-94-35C-26-9H	N/A		
N/A	Mandaree	Dunn	ND	58757	94W 148N S35 SESW	47.5889	-
102.62403	8/2/2016	8/2/2017	N/A	Produces into a common battery			
110070131947	29	"HRC Operating, LLC"	Handies	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 148N S22 NENE	47.58949	-102.6208	8/2/2016	
8/2/2017	ClosedVentSysCertHandies.pdf		Common battery	TanksPTEcalcHandies.pdf			
110070131947	30	"HRC Operating, LLC"	Vermejo	N/A	N/A	N/A	New Town
McKenzie	ND	58763	93W 152N S7 SESW	47.99313	-102.63579	8/2/2016	
8/2/2017	ClosedVentSysVermejo.pdf		Common battery	TanksPTEcalcVermejo.pdf			
110070131947	31	"HRC Operating, LLC"	Oklahoma	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 147N S1 NWNE	47.58716	-102.58824	8/2/2016	
8/2/2017	ClosedVentSysCertOklahoma.pdf		Common battery	TanksPTEcalcOklahoma.pdf			
110070131947	32	"HRC Operating, LLC"	La Plata	N/A	N/A	N/A	New Town
McKenzie	ND	58763	94W 152N S22 SESE	47.96409	102.68737	8/2/2016	
8/2/2017	ClosedVentSysCertLaPlata.pdf		Common battery	TanksPTEcalcLaPlata.pdf			
110070131947	33	"HRC Operating, LLC"	Windom	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 148N S36 SESW	47.58952	-102.60028	8/2/2016	
8/2/2017	ClosedVentSysCertWindom.pdf		Common battery	TanksPTEcalcWindom.pdf			
110070131947	34	"HRC Operating, LLC"	Pyramid	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 147N S2 NWNE	47.5877	102.6147	8/2/2016	
8/2/2017	ClosedVentSysCertPyramid.pdf		Common battery	TanksPTEcalcPyramid.pdf			
110070131947	35	"HRC Operating, LLC"	Sneffels	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 148N S35 SESW	47.58891	-102.62392	8/2/2016	
8/2/2017	ClosedVentSysCertSneffels.pdf		Common battery	TanksPTEcalcSneffels.pdf			
110070131947	36	"HRC Operating, LLC"	Bierstadt	N/A	N/A	N/A	New
Town	McKenzie	ND	58763	94W 152N S13 NENE	47.99149	-102.64484	
8/2/2016	8/2/2017	ClosedVentSysCertBierstadt.pdf		Common battery			
TanksPTEcalcBierstadt.pdf							
110070131947	37	"HRC Operating, LLC"	Bross	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	95W 148N S26 NENW	47.61703	-102.74898	8/2/2016	
8/2/2017	ClosedVentSysCertBross.pdf		Common battery	TanksPTEcalcBross.pdf			
110070131947	38	"HRC Operating, LLC"	Pikes-Ouray	N/A	N/A	N/A	New
Town	McKenzie	ND	58763	93W 152N S19 SESE	47.96401	-102.62581	
8/2/2016	8/2/2017	ClosedVentSysCertPikes.pdf		Common battery			
TanksPTEcalcPikes.pdf							
110070131947	39	"HRC Operating, LLC"	San Luis-Alamosito	N/A	N/A	N/A	
Mandaree	Dunn	ND	58757	95W 148N S24 SWSW	47.6205	-102.73246	
8/2/2016	8/2/2017	ClosedVentSysCertSanLuis.pdf		Common battery			
TanksPTEcalcSanLuis.pdf							

110070131947	40	"HRC Operating, LLC"	Stewart	N/A	N/A	N/A	New Town
McKenzie	ND	58763	93W 152N S18	NENW	47.99085	-102.63447	8/2/2016
8/2/2017		ClosedVentSysCertStewart.pdf	Common battery			TanksPTEcalcStewart.pdf	
110070131947	41	"HRC Operating, LLC"	Sunlight	N/A	N/A	N/A	New Town
McKenzie	ND	58763	94W 152N S13	NWNW	47.99143	-102.65857	8/2/2016
8/2/2017		ClosedVentSysCertSunlight.pdf	Common battery			TanksPTEcalcSunlight.pdf	
110070131947	42	"HRC Operating, LLC"	Wetterhorn	N/A	N/A	N/A	
Mandaree	Dunn	ND	58757	95W 148N S13	NWNE	47.64574	-10272141
8/2/2016	8/2/2017	ClosedVentSysCertWetterhorn.pdf	Common battery				
		TanksPTEcalcWetterhorn.pdf					
110070131947	43	"HRC Operating, LLC"	Wilson	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 148N S33	SESE	47.58917	-102.65579	8/2/2016
8/2/2017		ClosedVentSysCertWilson.pdf	Common battery			TanksPTEcalcWilson.pdf	
110070131947	44	"HRC Operating, LLC"	Antero	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 148N S19	SWSE	47.617698	-102.7042	8/2/2016
8/2/2017		ClosedVentSysCertAntero.pdf	Common battery			TanksPTEcalcAntero.pdf	
110070131947	45	"HRC Operating, LLC"	Diente	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 147N S3	NENW	47.58755	-102.64513	8/2/2016
8/2/2017		ClosedVentSysCertDiente.pdf	Common battery			TanksPTEcalcDiente.pdf	
110070131947	46	"HRC Operating, LLC"	Sherman	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	94W 148N S17	SESW	47.63266	-102.68928	8/2/2016
8/2/2017		ClosedVentSysCertSherman.pdf	Common battery			TanksPTEcalcSherman.pdf	
110070131947	47	"HRC Operating, LLC"	Sunshine	N/A	N/A	N/A	Mandaree
Dunn	ND	58757	95W 148N S23	SESE	47.61873	-102.74036	8/2/2016
8/2/2017		ClosedVentSysCertSunshine.pdf	Common battery			TanksPTEcalcSunshine.pdf	
110070131947	48	"HRC Operating, LLC"	Tabegauche	N/A	N/A	N/A	
Mandaree	Dunn	ND	58757	94W 148N S27	SWSW	47.60369	-102.6471
8/2/2016	8/2/2017	ClosedVentSysCertTabegauche.pdf	Common battery				
		TanksPTEcalcTabegauche.pdf					
110070131946	1	"Halcon Operating Co, Inc"	Sealy Ranch	7901H		42-475-37273	
S77 BlkF Abs38		Pyote	Ward	TX	79777	RRC828568	4.3 mi SE from Pyote
31.59613	-103.11306	8/2/2016	8/2/2017	n/a		produces into Summit pad	
						n/a	
110070131946	2	"Halcon Operating Co, Inc"	Balbo-Adrianna West	1H		42-371-	
39499	S43 Blk49 T8S	Fort Stockton	Pecos	TX	79735	RRC824039	
25.9 mi NW from Fort Stockton	31.07071	-103.26483	8/2/2016	8/2/2017			
		ClosedVentSysCertBalboW.pdf	produces into Balbo West pad			TanksPTEcalcBalboW.pdf	
110070131946	3	"Halcon Operating Co, Inc"	Donna State East Unit	1H		42-371-	
39391	S1 Blk49 T9S	Fort Stockton	Pecos	TX	79735	RRC814509	20.9
mi NW from Fort Stockton	31.06453	-103.17528	8/2/2016	8/2/2017	n/a		
		produces into Donna CTB	n/a				
110070131946	4	"Halcon Operating Co, Inc"	Donna State West Unit	1H		42-372-	
39389	S1 Blk49 T9S	Fort Stockton	Pecos	TX	79735	RRC814006	21.5
mi NW from Fort Stockton	31.06421	-103.18417	8/2/2016	8/2/2017	n/a		
		produces into Donna CTB	n/a				
110070131946	78	"Halcon Operating Co, Inc"	Barbara State	1H		42-371-39259	
S41 Blk49 T8S	Fort Stockton	Pecos	TX	79735	RRC794462	25 mi NW	
from Fort Stockton	31.07079	-103.25251	8/2/2016	8/2/2017	n/a	single	
		well tank battery	n/a				
110070131946	6	"Halcon Operating Co, Inc"	Ethel	7H		42-371-39093	"T&P RR
CO/Mendel, HD Svy, A-8532"	Fort Stockton	Pecos	TX	79735	RRC45333		
31.2 mi SE from Pecos on Hwy 285	31.05346	-103.21767	8/2/2016	8/2/2017			
		n/a	single well tank battery	n/a			
110070131946	80	"Halcon Operating Co, Inc"	Adrianna-Balbo	CTB	n/a	see	
driving directions	Fort Stockton	Pecos	TX	79735	RN108729385	25.5	
ms SE from Pecos on Hwy 285	31.08296	-103.26862	8/2/2016	8/2/2017			

ClosedVentSysCertAdrianna		central tank battery	TanksPTEcalcAdriana.pdf
110070131946	81	"Halcon Operating Co, Inc"	Donna State CTB n/a see
driving directions	Fort Stockton	Pecos TX 79735	RN109268011 20 mi
NW from Fort Stockton	31.06407	-103.18372	8/2/2016 8/2/2017
ClosedVentSysCertDonna.pdf		central tank battery	TanksPTEcalcDonna.pdf
110070131946	82	"Halcon Operating Co, Inc"	Faye CTB n/a see driving
directions	Fort Stockton	Pecos TX 79735	RN109117655 Off Mendel Rd
in Fort Stockton	31.04962	-103.18694	8/2/2016 8/2/2017
ClosedVentSysCertFaye.pdf		central tank battery	TanksPTEcalcFaye.pdf
110070131946	83	"Halcon Operating Co, Inc"	Geneva-Joanne CTB n/a see
driving directions	Fort Stockton	Pecos TX 79735	RN108729393 37 mi
SE from Pecos on Hwy 285	31.04194	-103.16902	8/2/2016 8/2/2017
ClosedVentSysCertGeneva.pdf		central tank battery	TanksPTEcalcGeneva.pdf
110070131946	84	"Halcon Operating Co, Inc"	Barbara State 1H n/a see
driving directions	Fort Stockton	Pecos TX 79735	RN109331033 26 mi
S from Pecos on Hwy 285	31.08512	-103.25221	8/2/2016 8/2/2017
ClosedVentSysCertBarbara.pdf		single well tank battery	TanksPTEcalcBarbara.pdf
110070131946	85	"Halcon Operating Co, Inc"	Ethel 7H n/a see driving
directions	Fort Stockton	Pecos TX 79735	RN109920900 Off Pig Creek
Rd in Fort Stockton	31.05331	-103.21901	8/2/2016 8/2/2017 "(exempt,
<6tpy uncontrolled)"		single well tank battery	TanksPTEcalcEthel.pdf
110070131946	86	"Halcon Operating Co, Inc"	Summit n/a see driving
directions	Pyote Ward TX 79777	RN109824441	4 m NNE from Hwy 115
in Pyote	31.56572	-103.10469	8/2/2016 8/2/2017
ClosedVentSysCertSummit.pdf		central tank battery	TanksPTEcalcSummit.pdf
110070131967	1	USA Compression	Lenora CS NA "from Seiling, OK 8 3/4 Mi.
W, 3 Mi. S, 1/2 Mi. W"		Sieling Dewey County OK 73667	17358 "from
Seiling, OK 8 3/4 Mi. W, 3 Mi. S, 1/2 Mi. W"		36.10119	-99.08831 6/3/2017
8/2/2017			
110070131585	1	Valerus Field Solutions LP	East Slash Compressor Station
Loving Mentone TX 79754		"From Mentone, Texas, head northwest on TX-302	
E towards Pecos St. Turn left onto Co. Rd. 403. Turn right after approximately 1.1		miles, and follow road onto Co. Rd. 407. Turn right after approximately 4.2 miles. Site	
on right."	31.79472222	-103.5605556	6/16/2017 8/31/2017
110070131883	1	Aera Energy LLC	Coalinga several 29010 Shell Rd
Coalinga Fresno CA 93210		C-1121 N/A N/A N/A	8/2/2017
8/2/2017	N/A	N/A	
110070131882	1	Aera Energy LLC	Midway Sunset several 29235 Highway 33
Maricopa Kern County CA 93252		S-1547 na na na	8/2/2016
8/2/2017	na		
110070131884	1	Aera Energy LLC	San Ardo Dehy several 66893 Sargents Rd
San Ardo Monterey CA 93450		TV66-01 N/A N/A N/A	8/2/2016
8/2/2017	N/A	N/A	
110070131966	1	Aethon Energy Operating LLC	GBU 19-23L 49-013-23315 see
lat/long	Moneta Fremont WY 82642		43.15943 -107.56813
2/21/2017	8/2/2017		
110070131966	2	Aethon Energy Operating LLC	GBU 10-24 49-025-23646 see
lat/long	Moneta Fremont WY 82642		43.18832 -107.50951
11/14/2016	8/2/2017		
110070131966	3	Aethon Energy Operating LLC	GBU 10-33 49-025-23595 see
lat/long	Moneta Fremont WY 82642		43.1915 -107.50436
10/15/2016	8/2/2017		
110070131966	4	Aethon Energy Operating LLC	GBU 15-11 49-025-23429 see
lat/long	Moneta Fremont WY 82642		43.18331 -107.514944
10/16/2016	8/2/2017		
110070131966	5	Aethon Energy Operating LLC	GBU 15-41 49-025-23624 see

lat/long	Moneta	Fremont	WY	82642		43.18375	-107.49944
11/16/2016	8/2/2017						
110070131966	6	Aethon Energy Operating LLC	GU 49	49-013-22003	see		
lat/long	Moneta	Fremont	WY	82642		43.18739	-107.52069
11/18/2016	8/2/2017						
110070131966	7	Aethon Energy Operating LLC	GBU 10-43	49-025-24015	see		
lat/long	Moneta	Fremont	WY	82642		43.1848186	-107.5054837
6/16/2017	8/2/2017						
110070131966	8	Aethon Energy Operating LLC	GBU 10-34T	49-025-24018	see		
lat/long	Moneta	Fremont	WY	82642		43.1848198	-107.5055586
6/16/2017	8/2/2017						
110070131966	9	Aethon Energy Operating LLC	GBU 15-32	49-025-24019	see		
lat/long	Moneta	Fremont	WY	82642		43.184821	-107.5056336
8/12/2017	8/2/2017						
110070131970	1	Hyperion Oil & Gas	Ryckman Creek 23	49-041-20230	see		
lat/long	Evanston	Uinta	WY	82930		41.446126	-110.812089
9/12/2016	8/2/2017						
110043800875	1	Breitburn Operating L.P.	South Rust	NA	McIntire Rd		
Hillman	Montmorency	MI	49746	MDEQ		9/18/2015	8/2/2016
110043800875	2	Breitburn Operating L.P.	Livingston 31	NA	2750 M32 West		
Gaylord	Otsego	MI	49735	MDEQ		9/18/2015	8/2/2016
110043800875	3	Breitburn Operating L.P.	Livingston 17	NA	Pyke School Rd		
Gaylord	Otsego	MI	49735	MDEQ		9/18/2015	8/2/2016
110070131988	1	California Resources Corporation	35E-36R Well	4-030-20261			
28590 HWY 119		Tupman	Kern	CA	93276	S-382	35.27390 -
119.45926	8/2/2016	8/2/2017					
110070131988	2	California Resources Corporation	68A-31S Well	4-030-16755			
28590 HWY 119		Tupman	Kern	CA	93276	S-382	35.27098 -
119.43492	8/2/2016	8/2/2017					
110070131988	3	California Resources Corporation	334X-31S Well	4-030-29176			
28590 HWY 119		Tupman	Kern	CA	93276	S-382	35.27681 -
119.44177	8/2/2016	8/2/2017					
110070131988	4	California Resources Corporation	328X-23R Well	4-030-54946			
28590 HWY 119		Tupman	Kern	CA	93276	S-382	35.29767 -
119.48002	8/2/2016	8/2/2017					
110070131988	5	California Resources Corporation	365X-32S Well	4-030-54264			
28590 HWY 119		Tupman	Kern	CA	93276	S-382	35.27305 -
119.41904	8/2/2016	8/2/2017					
110070131988	6	California Resources Corporation	3-67-36R Well	4-029-59550			
28590 HWY 119		Tupman	Kern	CA	93276	S-382	35.27021 -
119.45425	8/2/2016	8/2/2017					
110070131988	7	California Resources Corporation	7H C-820 Booster Compressor				
Not Applicable	97M Lake Road	Taft	Kern	CA	93268	S-8282	
35.15279	-119.33049	8/2/2016	8/2/2017	7H C-820 Booster Compressor			7H
C-820 Booster Compressor Certification.pdf							
110070131988	8	California Resources Corporation	Poundstone 13-4 Compressor				
Not Applicable	14250 Pass Road	Live Oak	Colusa	CA	95953	2706	
39.06026	-121.91697	8/2/2016	8/2/2017				
110070131988	9	California Resources Corporation	GOU 32-33-19 Compressor	Not			
Applicable	14250 Pass Road	Live Oak	Colusa	CA	95953	P2204	
39.10749	-121.87770	8/2/2016	8/2/2017				
110070131988	10	California Resources Corporation	Ettl MM Compressor	Not			
Applicable	14250 Pass Road	Live Oak	Suttter	CA	95953	P2194	
39.07807	-121.85183	8/2/2016	8/2/2017				

110070131988	11	California Resources Corporation	Willows 60-1a C-5250
Compressor	Not Applicable	525 N Colusa Street	Willows Colusa CA
95988	424	39.53985	-122.08905 8/2/2016 8/2/2017
110070131988	12	California Resources Corporation	Houghton 1-25 Compressor
Not Applicable	525 N Colusa Street	Willows	Tehama CA 95988 198
39.81400	-122.25864	8/2/2016	8/2/2017
110070131988	13	California Resources Corporation	French Camp 70268 Compressor
Not Applicable	2692 Amerada Road	Rio Vista	San Joaquin CA 94571
N-7281	38.88031	-121.31303	8/2/2016 8/2/2017
110070131988	14	California Resources Corporation	1-36R SOZ Tank Setting Well
Site	4-030-20261	28590 HWY 119	Tupman Kern CA 93276 S-382
35.27797	-119.45960	8/2/2016	8/2/2017
110070131988	15	California Resources Corporation	4-31S STV Tank Setting Well
Site	4-030-16755	28590 HWY 119	Tupman Kern CA 93276 S-382
35.27181	-119.43397	8/2/2016	8/2/2017
110070131988	16	California Resources Corporation	1-31S STV Tank Setting Well
Site	4-030-29176	28590 HWY 119	Tupman Kern CA 93276 S-382
35.27925	-119.44186	8/2/2016	8/2/2017
110070131988	17	California Resources Corporation	1-26R STV Tank Setting Well
Site	4-030-54946	28590 HWY 119	Tupman Kern CA 93276 S-382
35.29394	-119.47839	8/2/2016	8/2/2017
110070131988	18	California Resources Corporation	2-1B SOZ Tank Setting Well
Site	4-030-60885	28590 HWY 119	Tupman Kern CA 93276 S-382
35.26547	-119.45029	8/2/2016	8/2/2017
110070131988	19	California Resources Corporation	2-35S SOZ Tank Setting Well
Site	4-030-56842	28590 HWY 119	Tupman Kern CA 93276 S-382
35.28034	-119.36373	8/2/2016	8/2/2017
110070131988	20	California Resources Corporation	3-27S SOZ Tank Setting Well
Site	4-030-59179	28590 HWY 119	Tupman Kern CA 93276 S-382
35.28428	-119.38996	8/2/2016	8/2/2017
110070131988	21	California Resources Corporation	2-2G SOZ Tank Setting Well
Site	4-030-59755	28590 HWY 119	Tupman Kern CA 93276 S-382
35.26529	-119.36378	8/2/2016	8/2/2017
110070131988	22	California Resources Corporation	1A-1G-SOZ Tank Setting Well
Site	4-030-60451	28590 HWY 119	Tupman Kern CA 93276 S-382
35.26230	-119.35306	8/2/2016	8/2/2017
110070131988	23	California Resources Corporation	4-2G SOZ Tank Setting Well
Site	4-030-60447	28590 HWY 119	Tupman Kern CA 93276 S-382
35.25751	-119.36490	8/2/2016	8/2/2017
110070131988	24	California Resources Corporation	3-11G SOZ Tank Setting Well
Site	4-030-59259	28590 HWY 119	Tupman Kern CA 93276 S-382
35.24647	-119.37070	8/2/2016	8/2/2017
110070131988	25	California Resources Corporation	2-3G SOZ Tank Setting Well
Site	4-030-56721	28590 HWY 119	Tupman Kern CA 93276 S-382
35.26093	-119.37997	8/2/2016	8/2/2017
110070131988	26	California Resources Corporation	1-12G SOZ Tank Setting Well
Site	4-030-56722	28590 HWY 119	Tupman Kern CA 93276 S-382
35.25051	-119.35456	8/2/2016	8/2/2017
110070131988	27	California Resources Corporation	4-35R STV Tank Setting Well
Site	4-030-59757	28590 HWY 119	Tupman Kern CA 93276 S-382
35.26872	-119.47366	8/2/2016	8/2/2017
110070131988	28	California Resources Corporation	7H Tank Setting Well Site
4-030-62165	97M Lake Road	Taft	Kern CA 93268 S-8282
35.15344	-119.33027	8/2/2016	8/2/2017

110070131988	29	California Resources Corporation	4-32S STV Tank Setting Well
Site	4-030-54264	28590 HWY 119	Tupman Kern CA 93276 S-382
35.27140	-119.41586	8/2/2016	8/2/2017
110070131988	30	California Resources Corporation	2-36R SOZ Tank Setting Well
Site	4-029-59550	28590 HWY 119	Tupman Kern CA 93276 S-382
35.27526	-119.45156	8/2/2016	8/2/2017
110070131988	31	California Resources Corporation	7H Booster to 1C Compressor
Station	Not Applicable	97M Lake Road	Taft Kern CA 93268 S-8282
35.15279	-119.33049	8/2/2016	8/2/2017
110070131988	32	California Resources Corporation	2-33R SOZ Tank Setting Well
Site	4-030-60472	28590 HWY 119	Tupman Kern CA 93276 S-382
35.27857	-119.50474	8/2/2016	8/2/2017
110070131988	33	California Resources Corporation	23S Tank Setting Well Site
Site	4-030-56842	28590 HWY 119	Tupman Kern CA 93276 S-382
35.29852	-119.37641	8/2/2016	8/2/2017
110070131988	34	California Resources Corporation	10G DEHY Tank Setting Well
Site	4-030-56842	28590 HWY 119	Tupman Kern CA 93276 S-382
35.24094	-119.37927	8/2/2016	8/2/2017
110070131988	35	California Resources Corporation	18G DEHY Tank Setting Well
Site	4-030-20261	28590 HWY 119	Tupman Kern CA 93276 S-382
35.23256	-119.43148	8/2/2016	8/2/2017
110070131988	36	California Resources Corporation	18G WW Tank Setting Well Site
Site	4-030-20261	28590 HWY 119	Tupman Kern CA 93276 S-382
35.23149	-119.43172	8/2/2016	8/2/2017
110070131988	37	California Resources Corporation	Section 23 Dehy Well Site
Site	4-030-58965	9522 Oilfield Rd.	Bakersfield Kern CA 93308 S-1326
35.47056	-119.04031	8/2/2016	8/2/2017
110070131988	38	California Resources Corporation	Fano Dehy Well Site
Site	4-030-58475	9522 Oilfield Rd.	Bakersfield Kern CA 93308 S-1326
35.48282	-119.03704	8/2/2016	8/2/2017
110070131988	39	California Resources Corporation	Section 26 South CVR Well
Site	4-030-58475	9522 Oilfield Rd.	Bakersfield Kern CA 93308
S-1326	35.46227	-119.04151	8/2/2016 8/2/2017
110070131988	40	California Resources Corporation	Section 23 Central CVR Well
Site	4-030-58475	9522 Oilfield Rd.	Bakersfield Kern CA 93308
S-1326	35.47041	-119.04031	8/2/2016 8/2/2017
110070131988	41	California Resources Corporation	North Unit Tank Setting Well
Site	4-030-58963	16223 S. Granite Road	Bakersfield Kern CA 93308
S-8452	35.60420	-118.97140	8/2/2016 8/2/2017
110070131988	42	California Resources Corporation	Vedder 9 / Central Tank
Setting Well Site	4-030-61512	16223 S. Granite Road	Bakersfield Kern
CA 93308	S-8452	35.59767	-118.96616 8/2/2016 8/2/2017
110070131988	43	California Resources Corporation	Security Tank Setting Well
Site	4-030-61521	16223 S. Granite Road	Bakersfield Kern CA 93308
S-8452	35.58179	-118.95980	8/2/2016 8/2/2017
110070131988	44	California Resources Corporation	South Unit Tank Setting Well
Site	4-030-61515	16223 S. Granite Road	Bakersfield Kern CA 93308
S-8452	35.70453	-118.96010	8/2/2016 8/2/2017
110070131988	45	California Resources Corporation	29J Tank Setting Well Site
Site	4-031-20524	Kettleman North Dome Unit	Kettleman City Fresno CA 93239
C-273	36.07450	-120.14762	8/2/2016 8/2/2017
110070131988	46	California Resources Corporation	Sulfa Treat Vessels Well Site
Site	4-030-58475	9522 Oilfield Rd.	Bakersfield Kern CA 93308 S-1326
35.46934	-119.03808	8/2/2016	8/2/2017

110070131963 MK509 Statoil Oil & Gas LP Richard-Cheryl West "33-053-07410
33-053-03955
33-053-06347
33-053-06349
33-053-06348
33-053-06374
33-053-03854
33-053-06372
33-053-06370
33-053-06373
33-053-06371
33-053-06375" 14649 Brigham Drive Williston Williams ND 58801
McKenzie County 47.994232 -103.255289 8/2/2016 8/2/2017 MN509_Richard-
Cheryl West_CVSCert_Rev0_26FEB17 (Final).pdf
110070131963 MK510 Statoil Oil & Gas LP Skarston Central "33-053-03818
33-053-05080
33-053-05081
33-053-05083
33-053-05084
33-053-05085
33-053-05082
33-053-06332
33-053-06333" 14649 Brigham Drive Williston Williams ND 58801
48.023423 -103.292888 8/2/2016 8/2/2017
MK510_SKARSTON_CVSCertRpt_Rev0_27FEB17 (Final).pdf
110070131963 MK517 Statoil Oil & Gas LP Sax-Jay East "33-053-04486
33-053-03845" 14649 Brigham Drive Williston Williams ND 58801
McKenzie County 48.052124 -103.219315 8/2/2016 8/2/2017 MK517_SAX-
JAY_EAST_CVS_CertRpt_Rev0_23FEB17 (Final).pdf
110070131963 MK519 Statoil Oil & Gas LP Roscoe East "33-053-06899
33-053-06900
33-053-06816
33-053-06817
33-053-06818
33-053-02960" 14649 Brigham Drive Williston Williams ND 58801
McKenzie County 47.994436 -103.241944 8/2/2016 8/2/2017 MK519_ROSCOE
EAST_CVS_CertRpt_Rev1_7MAR17(FINAL).pdf
110070131963 MN019 Statoil Oil & Gas LP Panzer South "33-061-01942
33-061-02006
33-061-03505
33-061-03506
33-061-03507" 14649 Brigham Drive Williston Williams ND 58801
Mountrail County 48.228895 -102.502486 8/2/2016 8/2/2017

MN019_PANZER_CVSCert_Rev2_7MAR17(Final).pdf

110070131963 MN022 Statoil Oil & Gas LP Vachal East "33-061-02020
33-061-02021
33-061-03667

33-061-03668" 14649 Brigham Drive Williston Williams ND 58801
Mountrail County 48.270341 -102.617221 8/2/2016 8/2/2017 MN022_VACHAL
EAST_CVSCert_Rev1_12JUN17(FINAL).pdf

110070131963 MN024 Statoil Oil & Gas LP Vachal West "33-061-02139
33-061-03672
33-061-03671

33-061-03673" 14649 Brigham Drive Williston Williams ND 58801
Mountrail County 48.270087 -102.628298 8/2/2016 8/2/2017 MN024_VACHAL
WEST_CVSCert_Rev1_12JUN17(FINAL).pdf

110070131963 MN071 Statoil Oil & Gas LP Bures-Charlie Sorenson West "33-
061-03315
33-061-03311
33-061-03313
33-061-03317
33-061-03310
33-061-03312
33-061-03314

33-061-03316" 14649 Brigham Drive Williston Williams ND 58801
Mountrail County 48.239595 -102.667961 8/2/2016 8/2/2017 MN071_Bures-
Charlie_Sorenson_West_CVSCert_Rev0_26FEB17 (Final).pdf

110070131963 WL061 Statoil Oil & Gas LP Heen-Smith Farm West "33-105-03696
33-105-03694
33-105-03695
33-105-03700
33-105-03699
33-105-03697
33-105-03698

33-105-03701" 14649 Brigham Drive Williston Williams ND 58801
Williams County 48.225728 -103.636967 8/2/2016 8/2/2017 WL061_HEEN SMITH
FARM_CVS Report__REV0_28FEB17 (Final).pdf

110070131963 WL076 Statoil Oil & Gas LP Jack-Ruth East "33-105-02260
33-105-03953
33-105-03949
33-105-02259
33-105-03950
33-105-03952
33-105-03948

33-105-04109" 14649 Brigham Drive Williston Williams ND 58801
Williams County 48.314320 -103.542664 8/2/2016 8/2/2017
WL076_JACK_RUTH_EAST_CVSCert_Rev1_1MAY17(Final).pdf

110070131963 WL080 Statoil Oil & Gas LP Judy 2H 33-105-02970 14649
 Brigham Drive Williston Williams ND 58801 Williams County
 48.312967 -103.534089 8/2/2016 8/2/2017 WL080_JUDY 2H_Closed Vent
 Certification Report_Rev0_27FEB17 (Final).pdf

110070131963 WL124 Statoil Oil & Gas LP Jack Ruth West "33-105-04116
 33-105-04234
 33-105-04112
 33-105-04110
 33-105-03951
 33-105-04108
 33-105-04115
 33-105-04113

33-105-04111" 14649 Brigham Drive Williston Williams ND 58801
 Williams County 48.312749 -103.553721 8/2/2016 8/2/2017
 WL124_JACK_RUTH_WEST_CVSCert_Rev2_12JUN17(FINAL).pdf

110070131963 WL127 Statoil Oil & Gas LP Irgens Southwest "33-105-03985
 33-105-03986" 14649 Brigham Drive Williston Williams ND 58801
 Williams County 48.286009 -103.533180 8/2/2016 8/2/2017 WL127_IRGENS
 SOUTHWEST_CVS CertRev0_27FEB17 (Final).pdf

110070131963 MN039 Statoil Oil & Gas LP Hospital-Ross Alger South "33-061-
 02096
 33-061-03586
 33-061-03587
 33-061-02093
 33-061-02092

33-061-02151" 14649 Brigham Drive Williston Williams ND 58801
 Mountrail County 48.284592 -102.550697 8/2/2016 8/2/2017 MN039_HOSPITAL-
 ROSS ALGER SOUTH_CVSCert_Rev3_12JUN17(FINAL).pdf

110070131963 MN073 Statoil Oil & Gas LP Bures-Charlie Sorenson Far East
 "33-061-03577
 33-061-03576
 33-061-03578

33-061-03969" 14649 Brigham Drive Williston Williams ND 58801
 Mountrail County 48.241339 -102.662857 8/2/2016 8/2/2017 MN073_BURES-
 CHARLIE SORENSON FAR EAST_CVSCert_Rev1_13JUN17(FINAL).pdf

110070131963 WL029 Statoil Oil & Gas LP Williston Airport Central "33-105-
 04196
 33-105-04197
 33-105-04198
 33-105-04193
 33-105-04192
 33-105-04199
 33-105-04191

33-105-02119" 14649 Brigham Drive Williston Williams ND 58801
 Williams County 48.197049 -103.639042 8/2/2016 8/2/2017
 WL029_LOUGHEED_CVSCert_Rev2_13JUN17(FINAL).pdf

110070131986 Blackwell-Eyhorn GU1 B Pad "Statoil Texas Onshore Properties, LLC"
 Blackwell-Eyhorn GU1 B Pad "42-255-35300
 42-255-35301
 43-255-35305" 126 FM 1545 Three Rivers Karnes TX 78071
 RN108992223 2.8 miles east of the intersection of Helena St and TX-72 E/E Main St
 28.910858 -97.677074 1/2/2016 8/2/2017
 110070131986 "Gus Tips GU1 C1H, Gus Tips-Runge C3H" "Statoil Texas Onshore
 Properties, LLC" "Gus Tips GU1 C1H, Gus Tips-Runge C3H" "42-255-32102
 42-255-35556" 126 FM 1545 Three Rivers Karnes TX 78071
 RN106568231 1.6 miles E/SE from the intersection of Helena St and TX-72 E/E Main St
 28.878781 -97.693212 1/2/2016 8/2/2017
 110070131986 Gus Tips GU1 D Pad "Statoil Texas Onshore Properties, LLC" Gus
 Tips GU1 D Pad "42-255-35003
 42-255-35005
 42-255-35007" 126 FM 1545 Three Rivers Karnes TX 78071
 RN109233080 1.4 miles S from the intersection of Helena St and TX-72 E/E Main St
 28.871787 -97.702104 1/2/2016 8/2/2017
 110070131986 Kolo Neller Rhodes Trust GU1 B Pad "Statoil Texas Onshore
 Properties, LLC" Kolo Neller Rhodes Trust GU1 B Pad "42-255-34970
 42-255-34971
 42-255-34972" 126 FM 1545 Three Rivers Karnes TX 78071
 RN109233098 1.7 miles W from the intersection of Helena St and TX-72 E/E Main St
 28.871133 -97.732557 1/2/2016 8/2/2017
 110070131986 Krause A Pad "Statoil Texas Onshore Properties, LLC" Krause A Pad
 "42-255-32805
 42-255-35430
 42-255-35431
 42-255-35433" 126 FM 1545 Three Rivers Karnes TX 78071
 RN107144495 13.4 miles SW from the intersection of 2nd St and TX-72 W/W Main St
 28.70331 -98.010132 1/2/2016 8/2/2017
 110070131986 Neller C Pad "Statoil Texas Onshore Properties, LLC" Neller C Pad
 "42-255-34918
 42-255-34919
 42-255-34920" 126 FM 1545 Three Rivers Karnes TX 78071
 RN109598011 1.1 miles W from the intersection of TX-72 E/E Main St and County Road
 339 28.872408 -97.727234 1/2/2016 8/2/2017
 110070131986 Neller GU1 D Pad "Statoil Texas Onshore Properties, LLC" Neller
 GU1 D Pad "42-255-35426
 42-255-35427
 42-255-35432" 126 FM 1545 Three Rivers Karnes TX 78071
 RN109796938 0.8 miles S from the intersection of Helena St and TX-72 E/E Main St
 28.869026 -97.710855 1/2/2016 8/2/2017
 110070131986 Phillippe GU1 B Pad "Statoil Texas Onshore Properties, LLC"
 Phillippe GU1 B Pad "42-255-32599
 42-255-34757
 42-255-34758
 42-255-34756" 126 FM 1545 Three Rivers Karnes TX 78071
 RN106583180 1.7 miles E from the intersection of 2nd St and TX-72 E/Laredo
 28.810437 -97.824855 1/2/2016 8/2/2017

110070131986 Runge GU2 A Pad "Statoil Texas Onshore Properties, LLC" Runge GU2
A Pad "42-255-34619
42-255-34618
42-255-34620
42-255-34621" 126 FM 1545 Three Rivers Karnes TX 78071
RN108641903 1.2 miles N from the intersection of Helena St and TX-72 E/E Main St
28.898956 -97.710399 1/2/2016 8/2/2017
110070131986 Slaughter-Rhodes Trust GU1 C Pad "Statoil Texas Onshore Properties,
LLC" Slaughter-Rhodes Trust GU1 C Pad "42-255-34865
42-255-34855
42-255-34866
42-255-34867
42-255-34868" 126 FM 1545 Three Rivers Karnes TX 78071
RN108992249 1.6 miles W from the intersection of TX-72 E/E Main St and County Road
339 28.866777 -97.741212 1/2/2016 8/2/2017
110070131986 Strmiska GU1 B Pad "Statoil Texas Onshore Properties, LLC"
Strmiska GU1 B Pad "42-255-34231
42-255-34232
42-255-34233
42-255-34684" 126 FM 1545 Three Rivers Karnes TX 78071
RN108690504 1.5 miles E from the intersection of 2nd St and TX-72 E/Laredo
28.827061 -97.821253 1/2/2016 8/2/2017
110070131986 Uszynski-Furlow and Buzzard Vista D Pad "Statoil Texas Onshore
Properties, LLC" Uszynski-Furlow and Buzzard Vista D Pad "42-255-35230
42-255-35231
42-255-35224
42-255-35232
42-255-35219
42-255-35220
42-255-34447" 126 FM 1545 Three Rivers Karnes TX 78071
RN107444622 1.4 miles S from the intersection of County Road 330 and FM 743
28.793002 -97.829584 1/2/2016 8/2/2017
110070131986 Wessendorff 5 - Wessendorff 7 GU1 C Pad "Statoil Texas Onshore
Properties, LLC" Wessendorff 5 - Wessendorff 7 GU1 C Pad "42-255-34690
42-255-34679
42-255-34680
42-255-34681
42-255-34683" 126 FM 1545 Three Rivers Karnes TX 78071
RN108992231 3.6 miles W from the intersection of 2nd St and TX-72 E/Laredo
28.827973 -97.792824 1/2/2016 8/2/2017
110070131986 Lark Ranch E Pad "Statoil Texas Onshore Properties, LLC" Lark
Ranch E Pad "42-297-35756
42-297-35757" 126 FM 1545 Three Rivers Karnes TX 78071
RN108992215 3.7 miles E from the intersection of FM 99 and County Road 310
28.532695 -98.324735 1/2/2016 8/2/2017
110070131986 99 CDP "Statoil Texas Onshore Properties, LLC" 99 CDP NA
126 FM 1545 Three Rivers Karnes TX 78071 RN106479249 1.4 miles S
from the intersection of TX-72 E and State Hwy 995 28.450278 -98.436112

1/2/2016 8/2/2017

110070131986 Blaha-Dilworth A Pad "Statoil Texas Onshore Properties, LLC"
Blaha-Dilworth A Pad "42-311-35783

42-311-35782" 126 FM 1545 Three Rivers Karnes TX 78071
RN107180127 0.8 miles S from the intersection of TX-16 S and Old Fowlerton Rd
28.443873 -98.558767 1/2/2016 8/2/2017

110070131986 Cooke Ranch A Pad "Statoil Texas Onshore Properties, LLC" Cooke
Ranch A Pad "42-283-35018

42-283-35019

42-283-35020

42-283-34997" 126 FM 1545 Three Rivers Karnes TX 78071
RN107948556 5.0 miles SE from the intersection of RR 469 and RR 624 28.292003
-99.036128 1/2/2016 8/2/2017

110070131986 Cooke Ranch B Pad "Statoil Texas Onshore Properties, LLC" Cooke
Ranch B Pad "42-283-32779

42-283-32779" 126 FM 1545 Three Rivers Karnes TX 78071
RN106686280 3.2 miles SE from the intersection of RR 624 and RR 469 28.293995
-99.042223 1/2/2016 8/2/2017

110070131986 "Cooke Ranch F2SL, L1H, L3SL" "Statoil Texas Onshore Properties,
LLC" "Cooke Ranch F2SL, L1H, L3SL" "42-283-35850

42-283-35847

42-283-35846" 126 FM 1545 Three Rivers Karnes TX 78071
"RN106627631,

RN106627680" 1.9 miles SE from the intersection of RR 469 and RR 624 28.290029
-99.060568 1/2/2016 8/2/2017

110070131986 Franklin D Pad "Statoil Texas Onshore Properties, LLC" Franklin D
Pad "42-311-36074

42-311-36075

42-311-36077

42-311-36078

42-311-36111

42-311-36115" 126 FM 1545 Three Rivers Karnes TX 78071
RN107948564 1.6 miles E from the intersection of TX-16 S and Ben Franklin Rd
28.385636 -98.52606 1/2/2016 8/2/2017

110070131986 McLaugherty Battery "Statoil Texas Onshore Properties, LLC"
McLaugherty Battery NA 126 FM 1545 Three Rivers Karnes TX
78071 RN106852783 2.3 miles W from the intersection of RR 308 and RR 307
28.4003 -98.51092 1/2/2016 8/2/2017

110070131986 Powers G Pad "Statoil Texas Onshore Properties, LLC" Powers G Pad
"42-311-36541

42-311-36544

42-311-36542

42-311-36543" 126 FM 1545 Three Rivers Karnes TX 78071
RN108799693 3.4 miles N from the intersection of TX-72 W and TX-16 N 28.509907
-98.545446 1/2/2016 8/2/2017

110070131986 Powers J Pad "Statoil Texas Onshore Properties, LLC" Powers J Pad
"42-311-35802

42-311-35812

42-311-35816

42-311-35831

42-311-35832

42-311-35833

42-311-36546

42-311-36547

42-311-36548

42-311-36550

42-311-36551" 126 FM 1545 Three Rivers Karnes TX 78071
RN107723926 2.7 miles N from the intersection of TX-72 W and TX-16 N 28.485254
-98.540936 1/2/2016 8/2/2017

110070131986 STS CDP "Statoil Texas Onshore Properties, LLC" STS CDP NA
126 FM 1545 Three Rivers Karnes TX 78071 RN106486665 11.3 miles
N/NW from the intersection of FM 624 and La Salle McMullen Co Line Rd 28.291675 -
98.803147 1/2/2016 8/2/2017

110070131986 STS D Pad "Statoil Texas Onshore Properties, LLC" STS D Pad
"42-283-35623

42-283-35622

42-283-35621" 126 FM 1545 Three Rivers Karnes TX 78071
RN109417410 11.3 miles N/NW from the intersection of FM 624 and La Salle McMullen Co
Line Rd 28.309528 -98.866036 1/2/2016 8/2/2017

110070131986 STS I Pad "Statoil Texas Onshore Properties, LLC" STS I Pad
"42-283-35827

42-283-35828

42-283-35904

42-283-35905

42-283-35906

42-283-35911

42-283-35912" 126 FM 1545 Three Rivers Karnes TX 78071 NA 11.3
miles N/NW from the intersection of FM 624 and La Salle McMullen Co Line Rd
28.300395 -98.861105 1/2/2016 8/2/2017

110070131986 "Tilden OlH, Lester Powers O2H" "Statoil Texas Onshore Properties,
LLC" "Tilden OlH, Lester Powers O2H" "42-311-36651

42-311-36652" 126 FM 1545 Three Rivers Karnes TX 78071
RN109813931 0.8 miles NW from the intersection of TX-16 and TX-72 28.467816 -
98.541473 1/2/2016 8/2/2017

110070131986 Weeks Battery/CDP "Statoil Texas Onshore Properties, LLC" Weeks
Battery/CDP NA 126 FM 1545 Three Rivers Karnes TX 78071
RN106578263 1.5 miles E from the intersection of I-35 Frontage Rd and La Bonita Rd
28.263367 -99.264102 1/2/2016 8/2/2017

110070131986 Y-Bar CDP "Statoil Texas Onshore Properties, LLC" Y-Bar CDP NA
126 FM 1545 Three Rivers Karnes TX 78071 RN106566615 SW corner of
the intersection of TX-72 E and State Hwy 995 28.458194 -98.44143 1/2/2016
8/2/2017

110070131968 1 "USA Compression Partners, LLC" Moon Compressor Station NA
Watonga Blaine County OK 73772 16887 "From US-281 and SH-8 South of
Geary, OK 13 Mi. North/northwest and 4 1/4 Mi. West. The facility is on the south side
of the road." 35.78268 -98.48786 6/3/2017 8/2/2017

110070131969 1 "USA Compression Partners, LLC" Mutual Compressor Station NA

NA Mutual Woodward County OK 73853 16995 "From Main and Broadway in Mutual, OK 2 Mi. South and 1/2 Mi. East location on North side of the road."
36.20254 -99.15811 6/3/2017 8/2/2017

110070131943 1 West Bay Exploration Maywhorter 1-36 21-051-61203-00-00
6701 N Clarwin Rd Gladwin Gladwin MI 48624 0.25 miles south of
Renas Rd. 44.088574 -84.606786 8/2/2016 8/2/2017

110070131985 16050 Terra Energy Partners RG 24-29-298 Pad 1058 County Road
215 Parachute Rio Blanco CO 81635 39.84289836 -
108.4205844 8/2/2016 8/1/2017 No closed loop PE cert required

110070131985 15170 Terra Energy Partners Federal RGU 32-25-198 Pad 1058
County Road 215 Parachute Rio Blanco CO 81635 39.935713 -
108.339244 8/2/2016 8/1/2017 1_Terra_RGU32-25-198_OOOOa.pdf

110070131985 15932 Terra Energy Partners RGU 42-26-198 Pad 1058 County Road
215 Parachute Rio Blanco CO 81635 39.9351415 -108.3547764
8/2/2016 8/1/2017 1_Terra_RG42-26-198_OOOOa.pdf

110070131985 15927 Terra Energy Partners RGU 43-23-198 Pad 1058 County Road
215 Parachute Rio Blanco CO 81635 39.94462172 -
108.3537185 8/2/2016 8/1/2017 1_Terra_RG43-23-198_OOOOa.pdf

110070131985 2233 Terra Energy Partners RG 24-14-298 Pad 1058 County Road
215 Parachute Rio Blanco CO 81635 39.870283 -108.363079
8/2/2016 8/1/2017 1_Terra_RG24-14-298_OOOOa.pdf

110070131985 1801 Terra Energy Partners MV 5-10 Pad 1058 County Road 215
Parachute Garfield CO 81635 39.452936 -108.096674 8/2/2016
8/1/2017 1_Terra_MV5-10_OOOOa.pdf

110070131985 16699 Terra Energy Partners Wasatch 800 CS 1058 County Road
215 Parachute Garfield CO 81635 39.477309 -108.005795
8/2/2016 8/1/2017 No closed loop PE cert required

110070131985 16214 Terra Energy Partners Rulison 180 1058 County Road 215
Parachute Garfield CO 81635 39.50682 -107.90659 8/2/2016
8/1/2017 No closed loop PE cert required

110070131985 3810 Terra Energy Partners TR 44-27-597 Pad 1058 County Road
215 Parachute Garfield CO 81635 39.577852 -108.255219
8/2/2016 8/1/2017 1_Terra_TR44-27-597_OOOOa.pdf

110070131985 3760 Terra Energy Partners TR 32-23-597 Pad 1058 County Road
215 Parachute Garfield CO 81635 39.599387 -108.241654
8/2/2016 8/1/2017 No closed loop PE cert required

110070131985 7721 Terra Energy Partners TR 32-21-597 1058 County Road 215
Parachute Garfield CO 81635 39.602601 -108.282041 8/2/2016
8/1/2017 No closed loop PE cert required

110070131985 16594 Terra Energy Partners RU 14-6 TF 1058 County Road 215
Parachute Garfield CO 81635 39.464024 -107.824826 8/2/2016
8/1/2017 1_Terra_RU14-6_OOOOa.pdf

110070131985 1772 Terra Energy Partners MV 16-9 Pad 1058 County Road 215
Parachute Garfield CO 81635 39.456881 -108.119883 8/2/2016
8/1/2017 No closed loop PE cert required

110070131985 16226 Terra Energy Partners Riley Tank Facility 1058 County
Road 215 Parachute Garfield CO 81635 39.475441 -
108.103236 8/2/2016 8/1/2017 1_Terra_Riley_OOOOa.pdf

110070131985 3204 Terra Energy Partners RU 34-6 Pad 1058 County Road 215
Parachute Garfield CO 81635 39.467944 -107.814926 8/2/2016
8/1/2017 1_Terra_RU34-6_OOOOa.pdf

110070131985 7719 Terra Energy Partners TR 24-21-597 1058 County Road 215
Parachute Garfield CO 81635 39.593792 -108.285839 8/2/2016
8/1/2017 1_Terra_TR24-21-597_OOOOa.pdf

110070131985	3325	Terra Energy Partners	Juhan Tank Facility	1058 County
Road 215	Parachute	Garfield	CO	81635
107.853261	8/2/2016	8/1/2017	1_Terra_Juhan_0000a.pdf	39.486883 -
110070131985	1071	Terra Energy Partners	GM 41-4 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.471849 -108.106017
8/1/2017	No closed loop PE cert required			8/2/2016
110070131985	15070	Terra Energy Partners	SR 43-12 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.45186 -107.826197
8/1/2017	1_Terra_RU43-12_0000a.pdf			8/2/2016
110070131985	15543	Terra Energy Partners	RU 32-12 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.455199 -107.833902
8/1/2017	No closed loop PE cert required			8/2/2016
110070131985	15658	Terra Energy Partners	Starkey Tank Facility	1058 County
Road 215	Parachute	Garfield	CO	81635
108.120129	8/2/2016	8/1/2017	1_Terra_Starkey_0000a.pdf	39.488855 -
110070131985	15102	Terra Energy Partners	RU 42-7 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.459731 -107.808008
8/1/2017	1_Terra_RU42-7_0000a.pdf			8/2/2016
110070131985	3200	Terra Energy Partners	RU 31-12V Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.458807 -107.83268
8/1/2017	1_Terra_RU31-12V_0000a.pdf			8/2/2016
110070131985	1115	Terra Energy Partners	GR 14-28 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.488439 -108.119478
8/1/2017	No closed loop PE cert required			8/2/2016
110070131985	3197	Terra Energy Partners	RU 22-7 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.456887 -107.819716
8/1/2017	No closed loop PE cert required			8/2/2016
110070131985	16231	Terra Energy Partners	RU 44-7 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.45469189 -107.8107997
8/1/2017	No closed loop PE cert required			8/2/2016
110070131985	3186	Terra Energy Partners	RU 13-6 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.467018 -107.824773
8/1/2017	No closed loop PE cert required			8/2/2016
110070131985	16506	Terra Energy Partners	RU 21-8 Pad	1058 County Road 215
Parachute	Garfield	CO	81635	39.465462 -107.800851
8/1/2017	1_Terra_RU21-8_0000a.pdf			8/2/2016
110070131987	1	Le Norman Operating LLC	Amber 24-1H	4221135511
35.73818	-100.30455	42584	42949	
110070131987	2	Le Norman Operating LLC	Anne 24-1H	4221135508
35.72345	-100.28911	42584	42949	
110070131987	3	Le Norman Operating LLC	Arli Jo 1H-19	3504523603
35.94163	-99.80049	42584	42949	
110070131987	4	Le Norman Operating LLC	Ashley Dawn 1H-20	3504523600
35.92671	-99.78901	42584	42949	
110070131987	5	Le Norman Operating LLC	Barton 1H-34	3504523604
36.17305	-99.75023	42584	42949	
110070131987	6	Le Norman Operating LLC	Berryman-Shrewder Trust 1H-7	
3504523594		35.95371	-99.57992	42584 42949
110070131987	7	Le Norman Operating LLC	Bivins 15-10 East 1H	4237531870
35.33053	-101.78209	42584	42949	
110070131987	8	Le Norman Operating LLC	Bivins 15-34 East 1H	4237531867
35.33101	-101.78231	42584	42949	
110070131987	9	Le Norman Operating LLC	Bivins 52-17 East 1H	4237531866

35.37368	-101.80165	42584	42949			
110070131987	10	Le Norman	Operating LLC	Bivins 52-38 East 1H	4237531868	
35.37329	-101.80165	42584	42949			
110070131987	11	Le Norman	Operating LLC	Bivins 53-60 East 1H	4237531862	
35.3713	-101.78372	42584	42949			
110070131987	12	Le Norman	Operating LLC	Black Jack 14-3H	4221135573	
35.72028	-100.23999	42584	42949			
110070131987	13	Le Norman	Operating LLC	BMB 3H-6	3512924062	
35.97118	-99.80621	42584	42949			
110070131987	14	Le Norman	Operating LLC	Brazeal Trust 1H-26	3512924061	
35.75442	-99.93206	42584	42949			
110070131987	15	Le Norman	Operating LLC	Brearily 2H-11	3504523598	
36.14533	-99.94303	42584	42949			
110070131987	16	Le Norman	Operating LLC	Britt 10-1H	4248333921	
35.57602	-100.05587	42584	42949			
110070131987	17	Le Norman	Operating LLC	Britt 10-2H	4248333932	
35.56009	-100.04192	42584	42949			
110070131987	18	Le Norman	Operating LLC	Britt 3-1H	4248333917	
35.54493	-100.04252	42584	42949			
110070131987	19	Le Norman	Operating LLC	Britt 3-3H	4248333922	
35.56191	-100.0489	42584	42949			
110070131987	20	Le Norman	Operating LLC	Britt Ranch Unit 35-1H	4248333935	
35.50301	-100.10284	42584	42949			
110070131987	21	Le Norman	Operating LLC	Britt Ranch Unit 3615H	4248333924	
35.48877	-100.08259	42584	42949			
110070131987	22	Le Norman	Operating LLC	Britt Ranch Unit 45-1H	4248333933	
35.50186	-100.09008	42584	42949			
110070131987	23	Le Norman	Operating LLC	Cannon 1H-26	3512924080	
35.92648	-99.83441	42584	42949			
110070131987	24	Le Norman	Operating LLC	Chalfant 1H-36	3512924059	
35.73716	-99.69407	42584	42949			
110070131987	25	Le Norman	Operating LLC	Citation 31-1H	4221135512	
35.73564	-100.17737	42584	42949			
110070131987	26	Le Norman	Operating LLC	Code Breaker 848-1H	4235733635	
36.33193	-100.59733	42584	42949			
110070131987	27	Le Norman	Operating LLC	Cripple Bear 2H-30	3504523602	
35.92702	-99.69921	42584	42949			
110070131987	28	Le Norman	Operating LLC	Cripple Bear 4H-30	3504523617	
35.92705	-99.68672	42584	42949			
110070131987	29	Le Norman	Operating LLC	Daughtry 107-1H	4221135518	
35.83871	-100.09182	42584	42949			
110070131987	30	Le Norman	Operating LLC	Dorothy 6-1H	4219531919	
36.11101	-101.45926	42584	42949			
110070131987	31	Le Norman	Operating LLC	Eakins 1H-10	3512924069	
35.96973	-99.86116	42584	42949			
110070131987	32	Le Norman	Operating LLC	Earl USA 2H-10	3512924066	
35.80033	-99.95623	42584	42949			
110070131987	33	Le Norman	Operating LLC	Elizabeth 314-2H	4235733631	
36.14476	-100.70872	42584	42949			

110070131987	34	Le Norman	Operating	LLC	Flowers A 27-1H	4221135580
35.72047	-100.25416	42584	42949			
110070131987	35	Le Norman	Operating	LLC	Flowers A 27-3H	4221135574
35.72042	-100.23999	42584	42949			
110070131987	36	Le Norman	Operating	LLC	Flowers B 53-2H	4221135535
35.73499	-100.22991	42584	42949			
110070131987	37	Le Norman	Operating	LLC	Flowers B 53-3H	4221135533
35.73501	-100.23001	42584	42949			
110070131987	38	Le Norman	Operating	LLC	Flowers B 53-4H	4221135543
35.73527	-100.23029	42584	42949			
110070131987	39	Le Norman	Operating	LLC	Flowers C 28-2H	4221135506
35.73498	-100.21968	42584	42949			
110070131987	40	Le Norman	Operating	LLC	Flowers C 28-3H	4221135532
35.72174	-100.22816	42584	42949			
110070131987	41	Le Norman	Operating	LLC	Francis 3H-21	3504523587
35.93136	-99.75449	42584	42949			
110070131987	42	Le Norman	Operating	LLC	Goodwin Family 1H-3	3512924065
35.45442	-99.60702	42584	42949			
110070131987	43	Le Norman	Operating	LLC	Goodwin Family 2H-3	3512924081
35.44988	-99.6258	42584	42949			
110070131987	44	Le Norman	Operating	LLC	Heck-Bullard 1H-12	3512924070
35.95687	-99.81106	42584	42949			
110070131987	45	Le Norman	Operating	LLC	Henry 1H-13	3512924051
35.94278	-99.81591	42584	42949			
110070131987	46	Le Norman	Operating	LLC	Hyde 33-1H	4221135530
35.95187	-100.19146	42584	42949			
110070131987	47	Le Norman	Operating	LLC	Jones Trust HMH 25-2H	4221135529
35.95187	-100.17264	42584	42949			
110070131987	48	Le Norman	Operating	LLC	Julia 71-1H	4221135515
35.81462	-100.03369	42584	42949			
110070131987	49	Le Norman	Operating	LLC	Key 11-1H	4248333927
35.56158	-100.02366	42584	42949			
110070131987	50	Le Norman	Operating	LLC	Laverna 3H-19	3504523576
35.94118	-99.80257	42584	42949			
110070131987	51	Le Norman	Operating	LLC	Layla Lee 1H-21	3504523601
35.92479	-99.75841	42584	42949			
110070131987	52	Le Norman	Operating	LLC	Lewis 32-1H	4221135528
35.95153	-100.20257	42584	42949			
110070131987	53	Le Norman	Operating	LLC	Madeline 26-1H	4221135538
35.72058	-100.25621	42584	42949			
110070131987	54	Le Norman	Operating	LLC	Madeline 55 26-2H	4221135546
35.74229	-100.26561	42584	42949			
110070131987	55	Le Norman	Operating	LLC	Marguerite 2H-13	3512924058
35.93941	-99.81557	42584	42949			
110070131987	56	Le Norman	Operating	LLC	Marilyn 4H-8	3504523568
35.95774	-99.78649	42584	42949			
110070131987	57	Le Norman	Operating	LLC	Missy 2H-22	3504523570
35.92486	-99.73993	42584	42949			
110070131987	58	Le Norman	Operating	LLC	Moad Family 1H-7	3512924068
35.97016	-99.80645	42584	42949			

110070131987 35.71139	59 -100.24984	Le Norman	Operating LLC	42584 42949	Omaha 15-1H	4221135509
110070131987 35.70733	60 -100.26279	Le Norman	Operating LLC	42584 42949	Omaha 15-2H	4221135552
110070131987 35.83678	61 -100.02294	Le Norman	Operating LLC	42584 42949	Park 104-2H	4221135503
110070131987 35.7363	62 -100.18583	Le Norman	Operating LLC	42584 42949	Pyeatt 51-4H	4221135559
110070131987 35.73478	63 -100.1857	Le Norman	Operating LLC	42584 42949	Ramp 30-1H	4221135524
110070131987 35.735	64 -100.19887	Le Norman	Operating LLC	42584 42949	Ramp 30-2H	4221135526
110070131987 35.73491	65 -100.19065	Le Norman	Operating LLC	42584 42949	Ramp 30-3H	4221135534
110070131987 35.73482	66 -100.20063	Le Norman	Operating LLC	42584 42949	Ramp 30-5H	4221135542
110070131987 35.73987	67 -100.17601	Le Norman	Operating LLC	42584 42949	Ramp 50-2H	4221135381
110070131987 35.73633	68 -100.16773	Le Norman	Operating LLC	42584 42949	Ramp 50-3H	4221135560
110070131987 35.70768	69 -100.19155	Le Norman	Operating LLC	42584 42949	Ramp Walker 11-1H	4221135571
110070131987 35.95598	70 -99.56128	Le Norman	Operating LLC	42584 42949	Sharpshooter 1H-17	3504523629
110070131987 35.75727	71 -99.882	Le Norman	Operating LLC	42584 42949	Shaw 1H-20	3512924057
110070131987 35.74996	72 -100.21456	Le Norman	Operating LLC	42584 42949	Shell Fee 13-1H	4221135507
110070131987 35.75311	73 -100.30306	Le Norman	Operating LLC	42584 42949	Shell Fee 17-1H	4221135496
110070131987 35.95603	74 -99.80184	Le Norman	Operating LLC	42584 42949	Sherilee 2H-18	3504523591
110070131987 35.76371	75 -100.15981	Le Norman	Operating LLC	42584 42949	Spur 9-2H	4221135544
110070131987 35.76381	76 -100.15301	Le Norman	Operating LLC	42584 42949	Spur 9-3H	4221135545
110070131987 35.98567	77 -99.81491	Le Norman	Operating LLC	42584 42949	Spurlin 1H-36	3512924093
110070131987 35.39238	78 -99.37846	Le Norman	Operating LLC	42584 42949	Thoroughbred 1H-36	3500921982
110070131987 35.91234	79 -99.81689	Le Norman	Operating LLC	42584 42949	Two D Ranch 1H-36	3512924077
110070131987 35.73619	80 -100.20426	Le Norman	Operating LLC	42584 42949	Walker 29-5H	4221135537
110070131987 35.72035	81 -100.21639	Le Norman	Operating LLC	42584 42949	Walker 29-6H	4221135539
110070131987 35.72182	82 -100.20888	Le Norman	Operating LLC	42584 42949	Walker 29-7H	4221135551
110070131987 35.73501	83 -100.21262	Le Norman	Operating LLC	42584 42949	Walker 52-2H	4221135361

110070131987	84	Le Norman Operating LLC	Walker 52-4H	4221135364
35.73697	-100.21339	42584 42949		
110070131987	85	Le Norman Operating LLC	Walter 24-1H	4221135531
35.95201	-100.17214	42584 42949		
110070131987	86	Le Norman Operating LLC	Walter 24-2H	4221135570
35.93939	-100.18201	42584 42949		
110070131987	87	Le Norman Operating LLC	War Admiral 8-1H	4221135517
35.76232	-100.14515	42584 42949		
110070131987	88	Le Norman Operating LLC	War Admiral 8-2H	4221135540
35.7526	-100.13159	42584 42949		
110070131987	89	Le Norman Operating LLC	Wheeler Legacy 2H-17	3512924064
35.78249	-99.98292	42584 42949		
110070131987	90	Le Norman Operating LLC	Wilton 1H-23	3512924055
35.77179	-99.93966	42584 42949		
110070131992	1	CCI East Texas Upstream LLC	Central Compressor Station	n/a
N/A	Carthage	Panola TX 75633	RN102585965	1.5 mi west of Carthage
on Hwy 79	32.16016193	-94.39852907	04/27/2017	08/02/2017
110070131992	2	CCI East Texas Upstream LLC	CGU 28 CPF	n/a N/A
Carthage	Panola TX 75633	RN109822098	"From Carthage, head west on US Hwy 79 for 7.5 miles, go south on FM 1970 for 1.25	
miles, go west on access road for 0.25 mile, turn right onto location."				
-94.46765447	06/14/2017	08/02/2017	32.13620436	
110070131992	3	CCI East Texas Upstream LLC	Northeast Compressor Station	n/a
N/A	Carthage	Panola TX 75633	RN102608031	"From intersection of Northwest Loop 79 & Hwy 149 in Carthage, go 1.3 miles north on Hwy 149 to road 202, turn right on road 202 & go 0.4 mile to road 206, turn left on road 206 & go 0.2 mile to dirt lease road, travel 0.3 mile to site"
07/07/2017	08/02/2017	32.19543872	-94.37853145	
110070131992	4	CCI Gulf Coast Upstream LLC	Arco Fee 2 & 3 Production Facility	
n/a	N/A	Streetman Freestone TX 75859	RN105481949	"From the intersection of Hwy 75 and CR 833 SE of Streetman, Go 3.65 miles NE on CR 131. Go ~3.5 miles and turn left to continue on CR 131. Go 2 miles to site."
96.17924909	08/02/2016	08/02/2017	31.88816232	-
110070131992	5	CCI Gulf Coast Upstream LLC	Pyramid Land No. 4 Production Facility	
n/a	N/A	Fairfield Freestone TX 75859	RN104009196	"From the intersection of CR 833 and CR 141 near Fairfield, go ~1.5 miles N on CR 141 and turn right on CR 151. Go ~0.3 mile and turn right. Go 0.1 mile and the site is on the left."
31.84565953	-96.21622664	08/02/2016	08/02/2017	
110070131992	6	CCI East Texas Upstream LLC	CGU 29-30 74HH	42-365-38228
N/A	Carthage	Panola TX 75633	42-365-38228	8.4 miles SW of
Carthage	32.13280242	-94.47840185	08/02/2016	08/02/2017
110070131992	7	CCI East Texas Upstream LLC	CGU 29-30 75HH	42-365-38229
N/A	Carthage	Panola TX 75633	42-365-38229	8.4 miles SW of
Carthage	32.13280242	-94.47840185	08/02/2016	08/02/2017
110070131992	8	CCI East Texas Upstream LLC	CGU 29-30 73HH	42-365-38227
N/A	Carthage	Panola TX 75633	42-365-38227	8.4 miles SW of
Carthage	32.15012986	-94.48380787	08/02/2016	08/02/2017
110070131992	9	CCI East Texas Upstream LLC	CGU 28-29 71HH	42-365-38225
N/A	Carthage	Panola TX 75633	42-365-38225	8.1 miles SW of
Carthage	32.16247752	-94.47552548	08/02/2016	08/02/2017
110070131992	10	CCI East Texas Upstream LLC	CGU 29-31 71HH	42-365-38261
N/A	Carthage	Panola TX 75633	42-365-38261	8.1 miles SW of
Carthage	32.12717	-94.474512	08/02/2016	08/02/2017
110070131992	11	CCI East Texas Upstream LLC	CGU 07-53HH	42-365-38161 N/A

Carthage	Panola	TX	75633	42-365-38161	4.4 miles SW of Carthage
32.104712	-94.411887		08/02/2016	08/02/2017	
110070131992	12	CCI East Texas	Upstream LLC	CGU 07-55HH	42-365-38251 N/A
Carthage	Panola	TX	75633	42-365-38251	4.4 miles SW of Carthage
32.105822	-94.405714		08/02/2016	08/02/2017	
110070131992	13	CCI East Texas	Upstream LLC	CGU 07-54HH	42-365-38160 N/A
Carthage	Panola	TX	75633	42-365-38160	4.4 miles SW of Carthage
32.105415	-94.408707		08/02/2016	08/02/2017	
110070131992	14	CCI East Texas	Upstream LLC	Kangaroo 16-51HH	42-365-38272
N/A	Carthage	Panola	TX	75633	42-365-38272 7.4 miles SW of
Carthage	32.109412	-94.455375	01/04/2017	08/02/2017	
110070131992	15	CCI East Texas	Upstream LLC	Kangaroo 16-52HH	42-365-38273
N/A	Carthage	Panola	TX	75633	42-365-38273 7.4 miles SW of
Carthage	32.106613	-94.451846	01/04/2017	08/02/2017	
110070131992	16	CCI East Texas	Upstream LLC	Kangaroo 16-2TP	42-365-30794
N/A	Carthage	Panola	TX	75633	42-365-30794 7.9 miles SW of
Carthage	32.117979	-94.454394	06/13/2017	08/02/2017	
110070131992	17	CCI East Texas	Upstream LLC	Ola Barnes CGU 18-07C	42-365-
32642	N/A	Carthage	Panola	TX	75633 42-365-32642 4.8 miles SW
of Carthage	32.158191	-94.421508	06/24/2017	08/02/2017	
110070131992	18	CCI East Texas	Upstream LLC	CGU 20-25PT	42-365-35657 N/A
Carthage	Panola	TX	75633	42-365-35657	4.9 miles NW of Carthage
32.181935	-94.419917		07/11/2017	08/02/2017	
110070131942	1	West Bay Exploration	Oesterle 1-16	21-065-61128-00-00	
2335 Kinneville Rd		Leslie Ingham	MI 49251	0.5 miles east of	
intersection of N.Main St & Kinneville Rd			42.465885	-84.434599	8/2/2016
8/2/2017					
110070131944	1	West Bay Exploration	McIntosh 1-30	21-051-61204-00-00	
4728 Adams Rd		Gladwin Gladwin	MI 48624	0.25 miles north of Renas	
Rd.	44.091554	-84.586624	8/2/2016	8/2/2017	

DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION FOR INTERNAL USE ONLY

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)

CitationID 60.5420a(b)

Template Version v1.00

Last Updated Date

"40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

"

"For each well affected facility, an owner or operator must include the information specified in paragraphs (b)(2)(i) through (iii) of this section in all annual reports:

"

The asterisk (*) next to each field indicates that the corresponding field is required.

§60.5432a Low Pressure Wells All Well Completions Well Affected Facilities
 Required to Comply with §60.5375a(a) and §60.5375a(f)
 "Exceptions Under §60.5375a(a) (3) - Technically Infeasible to Route to the Gas Flow
 Line or Collection System, Re-inject into a Well, Use as an Onsite Fuel Source, or Use
 for Another Useful Purpose Served By a Purchased Fuel or Raw Material"
 "Well Affected Facilities Meeting the Criteria of §60.5375a(a) (1) (iii) (A) - Not
 Hydraulically Fractured/Refractured with Liquids or Do Not Generate Condensate,
 Intermediate Hydrocarbon Liquids, or Produced Water (No Liquid Collection System or
 Separator Onsite)" Well
 Affected Facilities Required to Comply with Both §60.5375a(a) (1) and (3) Using a
 Digital Photo in lieu of Records Required by §60.5420a(c) (1) (i) through (iv) Well
 Affected Facilities Meeting the Criteria of §60.5375a(g) - <300 scf of Gas per Stock
 Tank Barrel of Oil Produced

"Facility Record No. *

(Select from dropdown list - may need to scroll up)" United States Well Number*
 (§60.5420a(b) (1) (ii)) "Records of deviations where well completion operations with
 hydraulic fracturing were not performed in compliance with the requirements specified
 in § 60.5375a. *

(§60.5420a(b) (2) (ii) and §60.5420a(c) (1) (ii))" "Please provide the file name that
 contains the Record of Determination and Supporting Inputs and Calculations *

(§60.5420a(b) (2) (iii) and §60.5420a(c) (1) (vii))

Please provide only one file per record." "Well Completion ID *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (i))" "Well Location *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Date of Onset of Flowback
 Following Hydraulic Fracturing or Refracturing *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Time of Onset of Flowback
 Following Hydraulic Fracturing or Refracturing *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Date of Each Attempt to
 Direct Flowback to a Separator *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Time of Each Attempt to
 Direct Flowback to a Separator *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Date of Each Occurrence of
 Returning to the Initial Flowback Stage *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Time of Each Occurrence of
 Returning to the Initial Flowback Stage *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Date Well Shut In and
 Flowback Equipment Permanently Disconnected or the Startup of Production *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Time Well Shut In and
 Flowback Equipment Permanently Disconnected or the Startup of Production *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Duration of Flowback in Hours
 *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Duration of Recovery in Hours
 *

(Not Required for Wells Complying with §60.5375a(f))

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A))" "Disposition of Recovery *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Duration of Combustion in
 Hours *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Duration of Venting in Hours
 *

(§60.5420a(b) (2) (i) and §60.5420a(c) (1) (iii) (A)-(B))" "Reason for Venting in lieu of
 Capture or Combustion *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))" "Well Location *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))" "Specific Exception Claimed *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))" "Starting Date for the Period the Well Operated Under the Exception *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))" "Ending Date for the Period the Well Operated Under the Exception *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))" "Why the Well Meets the Claimed Exception *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv))" "Name of Nearest Gathering Line *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))" "Location of Nearest Gathering Line *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))" "Technical Considerations Preventing Routing to this Line *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))" "Capture, Reinjection, and Reuse Technologies Considered *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))" "Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))" "Technical Considerations Preventing Use of Recovered Gas for Other Useful Purpose *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))" "Additional Reasons for Technical Infeasibility *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))" "Well Location*

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Duration of Flowback in Hours *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Duration of Combustion in Hours *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Duration of Venting in Hours *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Reason for Venting in lieu of Capture or Combustion *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A) and (C))" "Does well still meet the conditions of §60.5375a(1)(iii)(A)? *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))" "If applicable

Date Well Completion Operation Stopped * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))" "If applicable:

Time Well Completion Operation Stopped * ((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))" "If applicable:

Date Separator Installed *

((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))" "If applicable:

Time Separator Installed *

((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(2))" "Are there liquids collection at the well site?

Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *

((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(C)(3))" "Please provide the file name that contains the Digital Photograph with Date Taken and Latitude and Longitude Imbedded (or with Visible GPS), Showing Required Equipment

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v))

Please provide only one file per record." "Well Location*

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(B))" "Please provide the file name that contains the Record of Analysis Performed to Claim Well Meets §60.5375a(g), Including GOR Values for Established Leases and Data from Wells in the Same Basin and Field *

(§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(A))

Please provide only one file per record." "Does the well meet the requirements of §60.5375a(g)?

Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *

((§60.5420a(b)(2)(i) and §60.5420a(c)(1)(vi)(C))"

XML Tag:	WellId	DeviationDesc	DeterminationFile	WellCompletionId
AffWellLocation	AffOnsetDate	AffOnsetTime	AffAttemptDate	AffAttemptTime
AffOccurrenceDate	AffOccurrenceTime	AffShutInDate	AffShutInTime	
AffFlowbackHrs	AffRecoveryHrs	AffRecoveryDesc	AffCombustionHrs	
AffVentingHrs	AffVentingReason	ExcWellLocation	ExcExceptionClaimed	
ExcPeriodStartDate	ExcPeriodEndDate	ExcExceptionDesc	ExcGlName	
ExcGlLocation	ExcGlPreventDesc	ExcTechConsidered	ExcGasAspect	
ExcPreventReuse	ExcAddReason	LiqWellLocation	LiqOnsetDate	LiqOnsetTime
LiqShutInDate	LiqShutInTime	LiqFlowbackHrs	LiqCombustionHrs	LiqVentingHrs
LiqVentingReason	LiqRegConditionFlag	LiqStopDate	LiqStopTime	
LiqSeparatorDate	LiqSeparatorTime	LiqCollectionFlag	WellFile	
GasWellLocation	GasAnalysisFile	GasRequirementFlag		

e.g.: 12-345-67890-12 "e.g.: On October 12, 2016, a separator was not onsite for the first 3 hours of the flowback period." e.g.: lowpressure.pdf or XYZCompressorStation.pdf e.g.: Completion ABC "e.g.: 34.12345 latitude,

-101.12345 longitude" e.g.: 10/16/16 e.g.: 10 a.m. e.g.: 10/16/16 e.g.: 10 a.m. e.g.: 10/16/16 e.g.: 10 a.m. e.g.: 5 e.g.: 5 e.g.: Used as onsite fuel e.g.: 5 e.g.: 5 e.g.: No onsite storage or combustion unit was available at the time of completion. "e.g.: 34.12345 latitude,

-101.12345 longitude" e.g.: Technical infeasibility under 60.5375a(a)(3) e.g.: 10/16/2016 e.g.: 10/18/2016 "e.g.: As further described in this report, technical issues prevented the use of the gas for useful purposes." e.g.: ABC Line "e.g.: 100 miles away at 34.12345 latitude, -101.12345 longitude" e.g.: right of use e.g.: on-site generators e.g.: gas quality e.g. gas quality e.g. well damage or clean-up "e.g.: 34.12345 latitude,

-101.12345 longitude" e.g.: 10/16/16 e.g.: 10 a.m. e.g.: 10/16/16 e.g.: 10 a.m. e.g.: 5 e.g.: 5 e.g.: 5 e.g.: No onsite storage or combustion unit was available at the time of completion. e.g.: Yes e.g.: 10/16/16 e.g.: 10 a.m. e.g.: 10/16/16 e.g.: 10 a.m. e.g.: No e.g.: completion1.pdf or XYZCompressorStation.pdf "e.g.: 34.12345 latitude,

-101.12345 longitude" e.g.: GORcalcs.pdf or XYZCompressorStation.pdf e.g.: Yes

110070126879	1	4304754695	N/A	TR33-32-720											
"40.169456, -109.674975"		09/14/2016	10:15 AM	09/15/2016	7:46 AM	21.5									
0	0	NA	Yes	NA	NA	NA	NA	No	NA						
110070126879	2	4304754689	N/A	TR33-31-720											
"40.169867, -109.674839"		09/14/2016	10:30 AM	09/15/2016	7:48 AM	21.3									
0	0	NA	Yes	NA	NA	NA	NA	No	NA						
110070126879	3	4304754690	N/A	TR33-21-720											
"40.169876, -109.674981"		09/14/2016	10:03 AM	09/15/2016	7:45 AM	21.7									
0	0	NA	Yes	NA	NA	NA	NA	No	NA						
110070126879	4	4304754697	N/A	TR33-43-720											
"40.165386, -109.669797"		09/16/2016	11:32 AM	09/17/2016	8:35 AM	21.0									
0	0	NA	Yes	NA	NA	NA	NA	No	NA						
110070126879	5	4304754698	N/A	TR33-42-720											
"40.165717, -109.669806"		09/16/2016	10:16 AM	09/17/2016	8:00 AM	21.7									
0	0	NA	Yes	NA	NA	NA	NA	No	NA						
110070126879	6	4304754545	N/A	TR33-16T-720											
"40.163453, -109.677661"		09/15/2016	9:25 AM	09/17/2016	8:25 AM	47.0	0								
0	NA	Yes	NA	NA	NA	NA	NA	No	NA						
110070126879	7	4304754251	N/A	TR33-23-720											
"40.163719, -109.677917"		09/15/2016	9:40 AM	09/17/2016	8:00 AM	46.3	0								
0	NA	Yes	NA	NA	NA	NA	NA	No	NA						
110070131923	Wefler N U1H	34-111-2446201-00	None	none.pdf	Wefler N U1H										
"39.7387515 lat, -80.9085048 long"		12/1/2016	Unknown	12/1/2016	Unknown										
None	NA	1/23/2017	Unknown	1296	0	Sent to sales	0	0	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131923	Wefler N U2H	34-111-2460603-00	None	none.pdf	Wefler N U2H										
"39.7388886 lat, -80.908572 long"		12/3/2016	Unknown	12/3/2016	Unknown										
None	NA	1/14/2017	Unknown	1176	0	Sent to sales	0	0	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131923	Wefler N U3H	34-111-2460700-00	None	none.pdf	Wefler N U3H										
"39.738848 lat, -80.908553 long"		12/2/2016	Unknown	12/2/2016	Unknown										
None	NA	1/12/2017	Unknown	1152	0	Sent to sales	0	0	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131923	Wefler S U4H	34-111-2463600-00	None	none.pdf	Wefler S U4H										
"39.73872 lat, -80.90850 long"		12/4/2016	Unknown	12/4/2016	Unknown	None									
NA	1/24/2017	Unknown	1248	0	Sent to sales	0	0	NA	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110067351163	Eisenbarth U4H	34-111-2444001-00	"During 16 hours of flowback, combustion was utilized for this well. Delays in facilities commissioning. Facilities was having issues commissioning their system and had to make some repairs before flowback could be turned in line to sales."	none.pdf	Eisenbarth U4H										
"39.697638 lat, -80.899041 long"		12/16/2016	Unknown	12/16/2016	Unknown										
None	NA	1/13/2017	Unknown	672	672	Sent to sales	16	0	NA						
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA															
110070131947	1	33-025-02974	None	N/A	FB 148-94-22A-27-12H(LL) - Handies										
"47.630114, -102.632464"		9/1/2016	4 p.m.	9/1/2016	7 p.m.	--	--								
9/3/2016	2 a.m.	35	--	Flared	31	0	N/A								
110070131947	2	33-025-02926	None	N/A	FB 148-94-22A-27-11H - Handies										
"47.63006, -102.63256"		9/3/2016	4 a.m.	9/3/2016	8 a.m.	--	--								
9/4/2016	5 p.m.	39	--	Flared	34	0	N/A								
110070131947	3	33-053-06585	None	N/A	FB 152-93-7C-6-7H - Vermejo										

"47.99314, -102.63580"	11/2/2016	8 p.m.	11/3/2016	12 a.m.	--	--
11/5/2016	9 a.m.	62	--	Flared	54	0 N/A
110070131947	4	33-053-07548	None	N/A	FB 152-93-7C-6-5H - Vermejo	3
"47.99314, -102.63663"	10/30/2016	11 p.m.	10/31/2016	3 a.m.	--	--
11/1/2016	6 p.m.	44	--	Flared	39	0 N/A
110070131947	5	33-053-06586	None	N/A	FB 152-93-7C-6-6H - Vermejo	
"47.99314, -102.63567"	10/31/2016	3 a.m.	10/31/2016	6 a.m.	--	--
11/2/2016	4 p.m.	62	--	Flared	58	0 N/A
110070131947	6	33-053-07549	None	N/A	FB 152-93-7C-6-14H - Vermejo	3
"47.99314, -102.63651"	10/28/2016	2 p.m.	10/28/2016	8 p.m.	--	--
10/30/2016	5 p.m.	52	--	Flared	47	0 N/A
110070131947	7	33-053-06581	None	N/A	FB 152-93-7C-6-11H - Vermejo	2
"47.99314, -102.63688"	11/4/2016	9 a.m.	11/4/2016	1 p.m.	--	--
11/6/2016	4 a.m.	44	--	Flared	39	0 N/A
110070131947	8	33-053-06584	None	N/A	FB 152-93-7C-6-8H - Vermejo	
"47.99314, -102.63592"	11/5/2016	9 p.m.	11/6/2016	12 a.m.	--	--
11/7/2016	10 a.m.	38	--	Flared	33	0 N/A
110070131947	9	33-053-06583	None	N/A	FB 152-93-7C-6-9H - Vermejo	
"47.99314, -102.63604"	11/7/2016	4 p.m.	11/7/2016	8 p.m.	--	--
11/9/2016	10 a.m.	43	--	Flared	38	0 N/A
110070131947	10	33-053-06582	None	N/A	FB 152-93-7C-6-10H - Vermejo	2
"47.99314, -102.63676"	11/2/2016	3 a.m.	11/2/2016	8 a.m.	--	--
11/3/2016	5 p.m.	39	--	Flared	33	0 N/A
110070131947	11	33-053-06580	None	N/A	FB 152-93-7C-6-12H - Vermejo	2
"47.99314, -102.63700"	11/6/2016	11 a.m.	11/6/2016	3 p.m.	--	--
11/8/2016	9 a.m.	47	--	Flared	43	0 N/A
110070131947	12	33-053-06579	None	N/A	FB 152-93-7C-6-13H - Vermejo	2
"47.99314, -102.63712"	11/8/2016	4 p.m.	11/8/2016	8 p.m.	--	--
11/10/2016	5 a.m.	38	--	Flared	34	0 N/A
110070131947	13	33-025-03118	None	N/A	FB 148-94-36D-25-10H - Oklahoma	2
"47.58790, -102.58836"	11/8/2016	2 a.m.	"11/9/2016; 11/22/2016;			
11/23/2016"	"11/9/2016: 8 a.m.					
11/22/2016:	8 p.m.					
11/23/2016: 3 a.m."	11/22/2016	7 p.m.	11/23/2016	7 p.m.	275	133
Sold and Flared	238	0	N/A			
110070131947	14	33-025-03116	None	N/A	FB 148-94-36D-25-11H - Oklahoma	2
"47.58790, -102.58856"	11/19/2016	2 p.m.	11/19/2016	6 p.m.	--	--
11/21/2016	4 a.m.	39	--	Flared	34	0 N/A
110070131947	15	33-025-03117	None	N/A	FB 147-94-1A-12-12H - Oklahoma	2
"47.58790, -102.58846"	11/21/2016	9 a.m.	11/21/2016	1 p.m.	--	--
11/22/2016	1 p.m.	29	--	Flared	25	0 N/A
110070131947	16	33-025-03115	None	N/A	FB 147-94-1A-12-11H - Oklahoma	2
"47.58790, -102.58866"	11/18/2016	7 p.m.	"11/19/2016; 11/23/2016;			
11/24/2016"	"11/19/2016: 8 a.m.					
11/23/2016:	11 p.m.					
11/24/2016: 4 p.m."	11/23/2016	11 p.m.	11/25/2016	3 a.m.	118	--
Flared	89	0	N/A			
110070131947	17	33-053-07231	None	N/A	FB 152-94-22D-15-10H - LaPlata	
"47.96388, -102.68733"	12/8/2016	9 a.m.	12/8/2016; 12/9/2016 "12/8/2016 12 p.m.			
12/9/16: 6 p.m."	--	--	12/11/2016	6 a.m.	70	-- Flared 46 0
N/A						

110070131947 18 33-053-07232 None N/A FB 152-94-22D-15-11H - LaPlata
"47.96388, -102.68721" 12/12/2016 5 a.m. 12/12/2016; 12/13/2016
"12/12/2016: 8 p.m.
12/13/2016: 9 a.m." -- -- 12/14/2016 5 a.m. 50 -- Flared 36
0 N/A
110070131947 19 33-025-02243 None N/A FB 148-94-36C-25-4H - Windom
"47.58952, -102.60028" 5/20/2017 3 a.m. 5/20/2017 8 a.m. -- --
5/21/2017 9 a.m. 31 -- Flared 25 0 N/A
110070131947 20 33-025-02245 None N/A FB 148-94-36C-25-5H - Windom
"47.58953, -102.60016" 5/16/2017 2 p.m. 5/16/2017 6 p.m. -- --
5/17/2017 7 p.m. 30 -- Flared 25 0 N/A
110070131947 21 33-025-02641 None N/A FB 148-94-36C-25-6H - Windom
"47.58963, -102.60039" 5/10/2017 9 a.m. 5/10/2017; 5/13/2017 "5/10/2017: 8
p.m.
5/13/2017: 4 a.m." -- -- 5/15/2017 6 p.m. 117 -- Flared 89 0
N/A
110070131947 22 33-025-02963 None N/A FB 148-94-36C-25-7H - Windom
"47.58958, -102.60022" 5/15/2017 1 a.m. 5/15/2017 7 a.m. -- --
5/16/2017 10 a.m. 34 -- Flared 28 0 N/A
110070131947 23 33-025-02965 None N/A FB 148-94-36C-25-8H - Windom
"47.58970, -102.60034" 5/10/2017 5 p.m. 5/11/2017 6 p.m. -- --
5/13/2017 5 p.m. 73 -- Flared 48 0 N/A
110070131947 24 33-025-02644 None N/A FB 148-94-36C-25-12H - Windom
"47.58957, -102.60033" 5/18/2017 8 a.m. 5/18/2017 2 p.m. -- --
5/19/2017 8 p.m. 37 -- Flared 30 0 N/A
110070131947 25 33-025-03132 None N/A FB 148-94-35D-26-11H - Pyramid
"47.58875, -102.61266" 6/6/2017 12 a.m. "6/6/2017; 6/8/2017;
6/9/2017; 6/16/2017" "6/6/2017: 11 a.m.
6/8/2017: 8 a.m., 7 p.m.
6/9/2017: 4 a.m.
6/16/2017: 10 a.m." -- -- 6/17/2017 5 p.m. 112 -- Flared 86
0 N/A
110070131947 26 33-025-03135 None N/A FB 148-94-35D-26-12H - Pyramid
"47.58875, -102.61278" 6/6/2017 4 a.m. "6/6/2017; 6/7/2017;
6/8/2017; 6/14/2017;
6/15/2017" "6/6/2017: 10 a.m., 4 p.m.
6/7/2017: 1 p.m.
6/8/2017: 12 a.m.
6/14/2017: 8 a.m.
6/15/2017: 8 a.m." -- -- 6/15/2017 9 p.m. 115 -- Flared 49 0
N/A
110070131947 27 33-025-03136 None N/A FB 148-94-35D-26-13H - Pyramid
"47.58867, -102.61278" 6/6/2017 1 a.m. 6/6/2017; 6/18/2017 "6/6/2017: 3
p.m.
6/18/2017: 1 a.m. " -- -- 6/19/2017 7 p.m. 137 -- Flared 116
0 N/A
110070131947 28 33-025-02908 None N/A FB 148-94-35C-26-9H - Sneffels 3
"47.58949, -102.62080" 7/31/2017 4 a.m. 8/1/2017; 8/7/2017 "8/1/2017: 5
a.m.
8/7/17: 6 a.m." -- -- 8/10/2017 3 p.m. 252 -- Flared 103 0

N/A

110070131946	1	42-371-39259	None	n/a	Barbara State 1H completions								
"31.08518, -103.25220"		8/31/2016	1800	9/1/2016	1500	n/a	n/a						
9/14/2016	1700	344	338	Injected into sales line			0	0	n/a	n/a			
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a											
110070131946	2	42-371-39391	None	n/a	Donna State East 1H	"31.06453, -							
103.17528"		8/6/2016	1215	8/7/2016	1500	n/a	n/a	8/20/2016	1200				
332	304	Injected into sales line		0	0	n/a							
110070131946	3	42-371-39389	None	n/a	Donna State West 1H	"31.06421, -							
103.18417"		8/5/2016	0000	8/5/2016	1600	n/a	n/a	8/20/2016	1200				
372	356	Injected into sales line		0	0	n/a							
110070131946	4	42-371-39093	None	n/a	Ethel 7H	"31.05346, -103.21767"							
10/8/2016	700	10/9/2016	1200	11/5/16/16	1100	11/8/2016	800	360					
187	Injected into sales line		0	0	n/a								
110070131946	5	42-475-37188	None	n/a	Sealy Ranch 7901H	"31.59613, -							
103.11306"		4/29/2017	1400	5/9/2017	700	n/a	n/a	5/15/2017	1800				
364	128	Injected into sales line		27	0	n/a							
110070131946	6	42-371-39499	None	n/a	Balbo-Adrianna West 1H								
"31.07071, -103.26483"		7/21/2017	1400	7/30/2017	700	n/a	n/a						
8/19/2017	2100	705	390	Injected into sales line		139	0	n/a					
110070131882	2	0403055087	Flowback of the fracture fluids will not occur without the use of artificial lift equipment.										
latitude, -119.765557 longitude"		18-Jan-17	na	na	na	na	na	27-Jan-17					
na; 60.5375a(f) applies	"Upon removal of sand from the wellbore, formation fluids are shut in until pumping unit is installed and well is connected to production process. Following this, any gases recovered are used as onsite fuel." 0 0 na												
na; 60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;
60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;
60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;
60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;	60.5375a(f) applies	na;
na	na												
110070131882	2	0403055089	Flowback of the fracture fluids will not occur without the use of artificial lift equipment.										
latitude, -119.7655107 longitude"		27-Jan-17						28-Jan-17					
110070131882	2	0403055085	Flowback of the fracture fluids will not occur without the use of artificial lift equipment.										
119.7655027 longitude"		30-Jan-17	7456A	"35.6633903 latitude, -				01-Feb-17					
110070131882	2	0403055086	Flowback of the fracture fluids will not occur without the use of artificial lift equipment.										
119.765574 longitude"		28-Jan-17	7457	"35.6634035 latitude, -				30-Jan-17					
110070131882	2	0403055083	Flowback of the fracture fluids will not occur without the use of artificial lift equipment.										
119.7656451 longitude"		26-Jan-17	7432A	"35.6634087 latitude, -				27-Jan-17					
110070131882	2	0403055081	Flowback of the fracture fluids will not occur without the use of artificial lift equipment.										
119.7662139 longitude"		13-Jan-17	7357	"35.6655016 latitude, -				18-Jan-17					
110070131882	2	0403055088	Flowback of the fracture fluids will not occur without the use of artificial lift equipment.										
latitude, -119.764702 longitude"		13-Jan-17	LOST HILLS TWO 7506	"35.6615995				18-Jan-17					
110070131882	2	0403055082	Flowback of the fracture fluids will not occur without the use of artificial lift equipment.										
119.7657144 longitude"		18-Jan-17	7432	"35.6634139 latitude, -				25-Jan-17					
110070131882	2	0403055091	Flowback of the fracture fluids will not occur										

without the use of artificial lift equipment. latitude, -119.7646408 longitude"			Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7693742 longitude"	LOST HILLS TWO 7530 07-Jan-17	"35.6615678 11-Jan-17
110070131882	2	0403055084	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7693742 longitude"	7437 11-Jan-17	"35.663227 latitude, - 16-Jan-17
110070131882	2	0403055090	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. latitude, -119.7635756 longitude"	LOST HILLS TWO 7529 06-Jan-17	"35.6606904 13-Jan-17
110070131882	2	0403055095	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. latitude, -119.7480482 longitude"	LOST HILLS TWO 7482 01-Feb-17	"35.6480839 03-Feb-17
110070131882	2	0403055093	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. latitude, -119.7455592 longitude"	LOST HILLS TWO 7579 30-Jan-17	"35.6451587 01-Feb-17
110070131882	1	0403060081	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7167682 longitude"	941HR2-33 23-Dec-16	"35.4553548 latitude, - 28-Dec-16
110070131882	1	0403060837	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7330536 longitude"	954GR2-29 22-Apr-17	"35.4640794 latitude, - 25-Apr-17
110070131882	1	0403060070	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7275245 longitude"	975P2-29 21-Apr-17	"35.4616716 latitude, - 25-Apr-17
110070131882	1	0403060052	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7215315 longitude"	928SR-28 10-Apr-17	"35.4558644 latitude, - 12-Apr-17
110070131882	1	0403060068	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7256056 longitude"	988D-29 10-Apr-17	"35.4576858 latitude, - 12-Apr-17
110070131882	1	0403060093	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7040841 longitude"	927FR2-34 04-Apr-17	"35.4444301 latitude, - 20-Apr-17
110070131882	1	0403060091	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7064889 longitude"	916JR2-34 06-Apr-17	"35.4458972 latitude, - 10-Apr-17
110070131882	1	0403060840	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7349056 longitude"	943KR-29 26-Apr-17	"35.4656113 latitude, - 28-Apr-17
110070131882	1	0403060841	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7355908 longitude"	942C-29 19-Apr-17	"35.4672777 latitude, - 21-Apr-17
110070131882	1	0403061896	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7108247 longitude"	575MR-33 25-Apr-17	"35.4476883 latitude, - 28-Apr-17
110070131882	1	0403061904	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7421845 longitude"	911RR2-29 22-Apr-17	"35.4681431 latitude, - 25-Apr-17
110070131882	1	0403060844	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7382534 longitude"	922PR-29 16-Apr-17	"35.4671008 latitude, - 19-Apr-17
110070131882	1	0403060078	Flowback of the fracture fluids will not occur without the use of artificial lift equipment. 119.7125646 longitude"	965GR-33 25-Apr-17	"35.4481202 latitude, - 27-Apr-17
110070131882	1	0403060087	Flowback of the fracture fluids will not occur		

without the use of artificial lift equipment. 119.7138526 longitude"	28-Apr-17	964ER3-33	"35.4496657 latitude, - 03-May-17
110070131882 1 0403060075 without the use of artificial lift equipment. 119.7176388 longitude"	01-May-17	542F4-33	Flowback of the fracture fluids will not occur "35.4536909 latitude, - 03-May-17
110070131882 1 0403060085 without the use of artificial lift equipment. 119.7137406 longitude"	04-May-17	963ER2-33	Flowback of the fracture fluids will not occur "35.4513384 latitude, - 10-May-17
110070131882 1 0403060059 without the use of artificial lift equipment. 119.7341687 longitude"	03-May-17	546Z-29	Flowback of the fracture fluids will not occur "35.4605726 latitude, - 05-May-17
110070131882 1 0403060065 without the use of artificial lift equipment. 119.7405357 longitude"	02-May-17	523ER4-29	Flowback of the fracture fluids will not occur "35.4662362 latitude, - 05-May-17
110070131882 1 0403061561 without the use of artificial lift equipment. 119.7551117 longitude"	07-Jun-17	938ZR-18	Flowback of the fracture fluids will not occur "35.4852311 latitude, - 08-Jun-17
110070131882 1 0403059734 without the use of artificial lift equipment. 119.7532842 longitude"	25-May-17	948NR2-18	Flowback of the fracture fluids will not occur "35.4851241 latitude, - 03-Jun-17
110070131882 1 0403060804 without the use of artificial lift equipment. 119.7299489 longitude"	06-Jun-17	567Z-29	Flowback of the fracture fluids will not occur "35.4588431 latitude, - 09-Jun-17
110070131882 1 0403061567 without the use of artificial lift equipment. 119.7597986 longitude"	02-Jun-17	916NR2-18	Flowback of the fracture fluids will not occur "35.4889751 latitude, - 07-Jun-17
110070131882 1 0403060047 without the use of artificial lift equipment. 119.7412509 longitude"	07-Jun-17	516DR3-20	Flowback of the fracture fluids will not occur "35.474059 latitude, - 13-Jun-17
110070131882 1 0403058550 without the use of artificial lift equipment. 119.7641545 longitude"	22-Jun-17	571N1-13	Flowback of the fracture fluids will not occur "35.4981215 latitude, - 29-Jun-17
110070131882 1 0403058633 without the use of artificial lift equipment. 119.7649219 longitude"	30-Jun-17	971M-13	Flowback of the fracture fluids will not occur "35.4980998 latitude, - 03-Jul-17
110070131882 1 0403058548 without the use of artificial lift equipment. 119.7640282 longitude"	11-Jul-17	571D-13	Flowback of the fracture fluids will not occur "35.4976567 latitude, - 13-Jul-17
110070131882 1 0403058637 without the use of artificial lift equipment. 119.7638201 longitude"	06-Jul-17	972H-13	Flowback of the fracture fluids will not occur "35.4970573 latitude, - 11-Jul-17
110070131882 1 0403058544 without the use of artificial lift equipment. 119.7648026 longitude"	26-Jun-17	571C1-13	Flowback of the fracture fluids will not occur "35.4982498 latitude, - 29-Jun-17
110070131882 1 0403058529 without the use of artificial lift equipment. 119.7653376 longitude"	21-Jun-17	971J-13	Flowback of the fracture fluids will not occur "35.4986182 latitude, - 27-Jun-17
110070131882 1 0403058545 without the use of artificial lift equipment. 119.765058 longitude"	15-Jun-17	571C-13	Flowback of the fracture fluids will not occur "35.4986174 latitude, - 22-Jun-17
110070131882 1 0403058549 without the use of artificial lift equipment. 119.765287 longitude"	06-Jul-17	571L1-13	Flowback of the fracture fluids will not occur "35.4980853 latitude, - 08-Jul-17
110070131882 1 0403061173			Flowback of the fracture fluids will not occur

without the use of artificial lift equipment. 119.7131315 longitude"	16-Jun-17	562S3-33	"35.4527276 latitude, - 23-Jun-17
110070131882 without the use of artificial lift equipment. 119.7642013 longitude"	1 0403058635 06-Jul-17	Flowback of the fracture fluids will not occur 971S-13	"35.4974952 latitude, - 10-Jul-17
110070131882 without the use of artificial lift equipment. 119.7638245 longitude"	1 0403058546 11-Jul-17	Flowback of the fracture fluids will not occur 571D1-13	"35.497496 latitude, - 17-Jul-17
110070131882 without the use of artificial lift equipment. 119.7642178 longitude"	1 0403058534 11-Jul-17	Flowback of the fracture fluids will not occur 572G1-13	"35.4970429 latitude, - 13-Jul-17
110070131882 without the use of artificial lift equipment. 119.7649792 longitude"	1 0403058542 17-Jul-17	Flowback of the fracture fluids will not occur 571A-13	"35.4976726 latitude, - 20-Jul-17
110070131882 without the use of artificial lift equipment. 119.7650281 longitude"	1 0403058553 20-Jul-17	Flowback of the fracture fluids will not occur 572C-13	"35.4967303 latitude, - 24-Jul-17
110070131882 without the use of artificial lift equipment. 119.7647861 longitude"	1 0403058636 18-Jul-17	Flowback of the fracture fluids will not occur 972F-13	"35.4970282 latitude, - 20-Jul-17
110070131882 without the use of artificial lift equipment. 119.7647548 longitude"	1 0403058539 20-Jul-17	Flowback of the fracture fluids will not occur 571A1-13	"35.4974874 latitude, - 22-Jul-17
110070131882 without the use of artificial lift equipment. 119.7644411 longitude"	1 0403058535 13-Jul-17	Flowback of the fracture fluids will not occur 572GR-13	"35.4972185 latitude, - 18-Jul-17
110070131882 without the use of artificial lift equipment. 119.765317 longitude"	1 0403058634 08-Jul-17	Flowback of the fracture fluids will not occur 971R-13	"35.4975123 latitude, - 12-Jul-17
110070131882 without the use of artificial lift equipment. 119.7656879 longitude"	1 0403058670 13-Jul-17	Flowback of the fracture fluids will not occur 572ER-13	"35.4972511 latitude, - 18-Jul-17
110070131882 without the use of artificial lift equipment. 119.7660227 longitude"	1 0403058538 22-Jul-17	Flowback of the fracture fluids will not occur 561D-13	"35.497661 latitude, - 27-Jul-17
110070131882 without the use of artificial lift equipment. 119.7660558 longitude"	1 0403058528 27-Jul-17	Flowback of the fracture fluids will not occur 961P-13	"35.4980719 latitude, - 01-Aug-17
110070131882 without the use of artificial lift equipment. 119.7652257 longitude"	1 0403058554 24-Jul-17	Flowback of the fracture fluids will not occur 572E1-13	"35.497028 latitude, - 26-Jul-17
110070131882 without the use of artificial lift equipment. 119.7658613 longitude"	1 0403058537 18-Jul-17	Flowback of the fracture fluids will not occur 561D1-13	"35.4974269 latitude, - 21-Jul-17
110070131882 without the use of artificial lift equipment. latitude, -119.6969999 longitude"	1 0403059471 29-Aug-17	Flowback of the fracture fluids will not occur BELRIDGE III 7027H-3	"35.4403792 05-Sep-17
110070131882 without the use of artificial lift equipment. latitude, -119.6964518 longitude"	1 0403059477 31-Jul-17	Flowback of the fracture fluids will not occur BELRIDGE III 7076K-3	"35.4393555 02-Aug-17
110070131882 without the use of artificial lift equipment. latitude, -119.6969399 longitude"	1 0403059470 22-Jul-17	Flowback of the fracture fluids will not occur BELRIDGE III 7026H-3	"35.4403721 27-Jul-17
110070131882	1 0403059468	Flowback of the fracture fluids will not occur	

without the use of artificial lift equipment. latitude, -119.696916 longitude"				BELRIDGE III 7002F-3	"35.4405621
	10-Aug-17				15-Aug-17
110070131882 without the use of artificial lift equipment. latitude, -119.6965462 longitude"	1	0403059478	Flowback of the fracture fluids will not occur	BELRIDGE III 7076L-3	"35.4393833
	27-Jul-17				31-Jul-17
110070131882 without the use of artificial lift equipment. latitude, -119.696234 longitude"	1	0403059469	Flowback of the fracture fluids will not occur	BELRIDGE III 7026G-3	"35.4402407
	17-Jul-17				24-Jul-17
110070131882 without the use of artificial lift equipment. latitude, -119.6970111 longitude"	1	0403059472	Flowback of the fracture fluids will not occur	BELRIDGE III 7027J-3	"35.4405418
	27-Jul-17				01-Aug-17
110070131882 without the use of artificial lift equipment. latitude, -119.6970998 longitude"	1	0403059473	Flowback of the fracture fluids will not occur	BELRIDGE III 7052G-3	"35.4396067
	27-Jul-17				28-Jul-17
110070131882 without the use of artificial lift equipment. latitude, -119.7026617 longitude"	1	0403059475	Flowback of the fracture fluids will not occur	BELRIDGE III 7060D-3	"35.4397555
	30-Aug-17				06-Sep-17
110070131882 without the use of artificial lift equipment. 119.7406009 longitude"	1	0403060764	Flowback of the fracture fluids will not occur	928ZR-20	"35.4704697 latitude, -
	01-Aug-17				04-Aug-17
110070131882 without the use of artificial lift equipment. 119.7405749 longitude"	1	0403061892	Flowback of the fracture fluids will not occur	528L2-20	"35.4705266 latitude, -
	24-Jul-17				27-Jul-17
110070131882 without the use of artificial lift equipment. 119.7403848 longitude"	1	0403060765	Flowback of the fracture fluids will not occur	928RR2-20	"35.4703462 latitude, -
	03-Aug-17				09-Aug-17
110070131882 without the use of artificial lift equipment. latitude, -119.6993158 longitude"	1	0403059479	Flowback of the fracture fluids will not occur	BELRIDGE III 7080F-3	"35.4394605
	15-Aug-17				21-Aug-17
110070131882 without the use of artificial lift equipment. latitude, -119.7026954 longitude"	1	0403059476	Flowback of the fracture fluids will not occur	BELRIDGE III 7060E-3	"35.4397148
	01-Sep-17				08-Sep-17
110070131882 without the use of artificial lift equipment. latitude, -119.7028946 longitude"	1	0403059474	Flowback of the fracture fluids will not occur	BELRIDGE III 7060C-3	"35.4395692
	05-Sep-17				13-Sep-17
110070131882 without the use of artificial lift equipment. latitude, -119.702311 longitude"	1	0403059711	Flowback of the fracture fluids will not occur	BELRIDGE III 7109C-3	"35.4384201
	21-Aug-17				22-Aug-17
110070131882 without the use of artificial lift equipment. latitude, -119.7022326 longitude"	1	0403059480	Flowback of the fracture fluids will not occur	BELRIDGE III 7085A-3	"35.4387919
	23-Aug-17				29-Aug-17
110070131882 without the use of artificial lift equipment. 119.7412341 longitude"	1	0403060761	Flowback of the fracture fluids will not occur	517D3-20	"35.4721593 latitude, -
	08-Aug-17				10-Aug-17
110070131882 without the use of artificial lift equipment. 119.7412879 longitude"	1	0403061176	Flowback of the fracture fluids will not occur	917NR-20	"35.4721695 latitude, -
	10-Aug-17				15-Aug-17
110070131882 without the use of artificial lift equipment. 119.7417432 longitude"	1	0403060771	Flowback of the fracture fluids will not occur	918FR2-20	"35.4717158 latitude, -
	05-Aug-17				08-Aug-17
110070131882 without the use of artificial lift equipment. 119.741572 longitude"	1	0403061178	Flowback of the fracture fluids will not occur	518G4-20	"35.4716726 latitude, -
	02-Aug-17				03-Aug-17
110070131966	1	49-013-23315	WDEQ PERMIT A0001515	NA	GBU 19-23L

"43.15943,-107.56813"	2/21/2017	5:00 PM	2/21/2017	5:00 PM	2/21/2017										
5:00 PM	3/3/2017	5:00 AM	240	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	91	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131966	1	49-025-23646	WDEQ PERMIT A0001515	NA	GBU 10-24										
"43.18832,-107.50951"	11/14/2016	8:00 AM	11/14/2016	8:00 AM	11/14/2016										
8:00 AM	11/20/2016	5:00 PM	144	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131966	3	49-025-23595	WDEQ PERMIT A0001515	NA	GBU 10-33										
"43.1915,-107.50436"	10/15/2016	8:00 AM	10/16/2016	12:00 PM	10/19/2016										
2:00 PM	10/29/2016	8:00 AM	102	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	2	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131966	4	49-025-23429	WDEQ PERMIT A0001515	NA	GBU 15-11										
"43.18331,-107.514944"	10/16/2016	8:00 AM	10/16/2016	8:00 AM	10/16/2016										
8:00 AM	10/20/2016	5:00 PM	96	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	33	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131966	5	49-025-23624	WDEQ PERMIT A0001515	NA	GBU 15-41										
"43.18375,-107.49944"	11/16/2016	8:00 AM	11/16/2016	8:00 AM	11/16/2016										
8:00 AM	11/22/2016	5:00 PM	144	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131966	6	49-013-22003	WDEQ PERMIT A0001515	NA	GU 49	"43.18739,-107.52069"	11/18/2016	8:00 AM	11/21/2016	11:00 AM	11/21/2016	11:00 AM			
11/23/2016	5:00 PM	120	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131966	7	49-025-24015	WDEQ PERMIT A0001515	NA	GBU 10-43										
"43.1848186,-107.5054837"	6/16/2017	8:00 AM	8/6/2017	12:00 PM	8/6/2017										
5:00 PM	8/15/2017	9:00 AM	216	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	3	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131966	8	49-025-24018	WDEQ PERMIT A0001515	NA	GBU 10-34T										
"43.1848198,-107.5055586"	6/16/2017	10:00 AM	6/28/2017	2:00 PM	7/31/2017										
10:00	8/14/2017	4:00 PM	722	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131966	9	49-025-24019	WDEQ PERMIT A0001515	NA	GBU 15-32										
"43.184821,-107.5056336"	8/12/2017	9:00 AM	8/17/2017	2:00 PM	8/17/2017										
2:00 PM	8/23/2017	5:00 PM	144	WDEQ PERMIT A0001515	Used as onsite fuel or sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131970	1	49-041-20230	WDEQ PERMIT P0020100	NA	Ryckman Creek 23										
"41.446126,-110.812089"	42315	0.3125	42316	0.375	42320	0.041666667									
42625	0.333333333	168	WDEQ PERMIT P0020100	Used as onsite fuel or sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131988	1	4-030-20261	None	Not Applicable	Completion 35E-36R	Not									

110070131963 MK063 3305306439 no deviations na Paulson 36-1 7TFH
 "47.949320, -103.932653" 1/26/2017 1 p.m. 1/26/2017 1 p.m. none none
 1/28/2017 11 a.m. 59 59 gathering line capture 59 0 na
 "47.949320, -103.932653" none none none na ONEOK gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
 Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
 none none

110070131963 MK509 3305306349 no deviations na Cheryl 17-20 7H
 "47.994133, -103.256198" 8/5/2016 12 a.m. 8/5/2016 12 a.m. none none
 8/8/2016 12 a.m. 68 68 gathering line capture 68 0 na
 "47.994133, -103.256198" none none none na Banks gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
 Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
 none none

110070131963 MK509 3305306370 no deviations na Richard 8-5 5H
 "47.994133, -103.256198" 10/3/2016 3 p.m. 10/3/2016 3 p.m. none none
 10/7/2016 5 p.m. 99 99 gathering line capture 99 0 na
 "47.994133, -103.256198" none none none na Banks gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
 Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
 none none

110070131963 MK509 3305306348 no deviations na Cheryl 17-20 8TFH
 "47.994133, -103.256198" 12/8/2016 12 p.m. 12/8/2016 12 p.m. none
 none 12/11/2016 7 p.m. 80 80 gathering line capture 80 0 na
 "47.994133, -103.256198" none none none na Banks gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
 Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
 none none

110070131963 MK519 3305306899 no deviations na Cheryl 17-20 6TFH
 "47.994436, -103.241944" 8/30/2016 11 p.m. 8/30/2016 11 p.m. none
 none 9/4/2016 1 a.m. 76 76 gathering line capture 76 0 na
 "47.994436, -103.241944" none none none na Banks gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
 Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
 none none

110070131963 MK519 3305306900 no deviations na Cheryl 17-20 XE 1H
 "47.994436, -103.241944" 8/17/2016 9 a.m. 8/17/2016 9 a.m. none none
 8/24/2016 11 p.m. 177 177 gathering line capture 177 0 na
 "47.994436, -103.241944" none none none na Banks gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
 Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
 none none

110070131963 MK519 3305306816 no deviations na Richard 8-5 4TFH
 "47.994436, -103.241944" 9/9/2016 7 a.m. 9/9/2016 7 a.m. none none
 9/11/2016 7 p.m. 61 61 gathering line capture 61 0 na
 "47.994436, -103.241944" none none none na Banks gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
 Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
 none none

110070131963 MK519 3305306817 no deviations na Richard 8-5 6TFH
 "47.994436, -103.241944" 9/4/2016 6 p.m. 9/4/2016 6 p.m. none none
 9/8/2016 1 a.m. 80 80 gathering line capture 80 0 na
 "47.994436, -103.241944" none none none na Banks gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
 Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
 none none

110070131963 MK519 3305306818 no deviations na Richard 8-5 XE 1H
 "47.994436, -103.241944" 8/26/2015 5 a.m. 8/26/2015 5 a.m. none none
 8/29/2016 7 p.m. 87 87 gathering line capture 87 0 na
 "47.994436, -103.241944" none none none na Banks gathering onsite
 Sales line pressure too high or capacity too low capture Gas quality (Wet gas)

Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN022 3306103667 no deviations na Vachal 3-34 5TFH
"48.270341, -102.617221" 1/10/2017 10 a.m. 1/10/2017 10 a.m. none
none 1/13/2017 10 a.m. 73 73 gathering line capture 73 0 na
"48.270341, -102.617221" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN022 3306103668 no deviations na Vachal 3-34 6H
"48.270341, -102.617221" 1/6/2017 4 p.m. 1/6/2017 4 p.m. none none
1/8/2017 5 p.m. 50 50 gathering line capture 50 0 na
"48.270341, -102.617221" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN024 3306103672 no deviations na Vachal 3-34 7H
"48.270087, -102.628298" 1/23/2017 11 a.m. 1/23/2017 11 a.m. none
none 1/25/2017 3 a.m. 41 41 gathering line capture 41 0 na
"48.270087, -102.628298" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN024 3306103671 no deviations na Vachal 3-34 8TFH
"48.270087, -102.628298" 1/20/2017 6 p.m. 1/20/2017 6 p.m. none none
1/23/2017 2 a.m. 55 55 gathering line capture 55 0 na
"48.270087, -102.628298" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN024 3306103673 no deviations na Vachal 3-34 XW 1H
"48.270087, -102.628298" 1/26/2017 1 p.m. 1/26/2017 1 p.m. none none
1/28/2017 6 p.m. 54 54 gathering line capture 54 0 na
"48.270087, -102.628298" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 WL076 3310503949 no deviations na Jack 21-16 3TFH
"48.314320, -103.542664" 11/8/2016 11 p.m. 11/8/2016 11 p.m. none
none 11/11/2016 2 a.m. 52 52 gathering line capture 52 0 na
"48.314320, -103.542664" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL076 3310503948 no deviations na Ruth 28-33 4TFH
"48.314320, -103.542664" 11/20/2016 8 a.m. 11/20/2016 8 a.m. none
none 11/22/2016 10 p.m. 63 63 gathering line capture 63 0 na
"48.314320, -103.542664" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL076 3310503950 no deviations na Ruth 28-33 2TFH
"48.314320, -103.542664" 11/13/2016 5 a.m. 11/13/2016 5 a.m. none
none 11/15/2016 8 a.m. 53 53 gathering line capture 53 0 na
"48.314320, -103.542664" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL076 3310503953 no deviations na Jack 21-16 2H
 "48.314320, -103.542664" 10/31/2016 2 a.m. 10/31/2016 2 a.m. none
 none 11/2/2016 6 p.m. 65 65 gathering line capture 65 0 na
 "48.314320, -103.542664" none none none na NE Williams gathering
 onsite Sales line pressure too high or capacity too low capture Gas quality
 (Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
 pressure limited. none
 none

110070131963 WL076 3310503952 no deviations na Ruth 28-33 3H
 "48.314320, -103.542664" 11/16/2016 12 p.m. 11/16/2016 12 p.m. none
 none 11/18/2016 1 p.m. 50 50 gathering line capture 50 0 na
 "48.314320, -103.542664" none none none na NE Williams gathering
 onsite Sales line pressure too high or capacity too low capture Gas quality
 (Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
 pressure limited. none
 none

110070131963 WL076 3310504109 no deviations na Ruth 28-33 8TFH
 "48.314320, -103.542664" 1/11/2017 8 p.m. 1/11/2017 8 p.m. none none
 1/15/2017 5 p.m. 94 94 gathering line capture 94 0 na
 "48.314320, -103.542664" none none none na NE Williams gathering
 onsite Sales line pressure too high or capacity too low capture Gas quality
 (Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
 pressure limited. none
 none

110070131963 WL124 3310504116 no deviations na Jack 21-16 4H
 "48.312749, -103.553721" 12/12/2016 1 a.m. 12/12/2016 1 a.m. none
 none 12/14/2016 1 p.m. 60 60 gathering line capture 60 0 na
 "48.312749, -103.553721" none none none na NE Williams gathering
 onsite Sales line pressure too high or capacity too low capture Gas quality
 (Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
 pressure limited. none
 none

110070131963 WL124 3310504115 no deviations na Ruth 28-33 5H
 "48.312749, -103.553721" 12/15/2016 2 a.m. 12/15/2016 2 a.m. none
 none 12/19/2016 6 a.m. 101 101 gathering line capture 101 0 na
 "48.312749, -103.553721" none none none na NE Williams gathering
 onsite Sales line pressure too high or capacity too low capture Gas quality
 (Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
 pressure limited. none
 none

110070131963 WL124 3310504234 no deviations na Jack 21-16 5TFH-R
 "48.312749, -103.553721" 12/20/2016 11 a.m. 12/20/2016 11 a.m. none
 none 12/23/2016 12 a.m. 78 78 gathering line capture 78 0 na
 "48.312749, -103.553721" none none none na NE Williams gathering
 onsite Sales line pressure too high or capacity too low capture Gas quality
 (Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
 pressure limited. none
 none

110070131963 WL124 3310504113 no deviations na Ruth 28-33 6TFH
 "48.312749, -103.553721" 12/24/2016 9 a.m. 12/24/2016 9 a.m. none
 none 12/25/2016 9 a.m. 25 25 gathering line capture 25 0 na
 "48.312749, -103.553721" none none none na NE Williams gathering
 onsite Sales line pressure too high or capacity too low capture Gas quality
 (Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
 pressure limited. none
 none

110070131963 WL124 3310504112 no deviations na Jack 21-16 6H
 "48.312749, -103.553721" 12/27/2016 1 p.m. 12/27/2016 1 p.m. none
 none 12/30/2016 2 p.m. 74 74 gathering line capture 74 0 na
 "48.312749, -103.553721" none none none na NE Williams gathering
 onsite Sales line pressure too high or capacity too low capture Gas quality
 (Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line

pressure limited. none
none

110070131963 WL124 3310504108 no deviations na Jack 21-16 XW 1H
"48.312749, -103.553721" 1/16/2017 11 a.m. 1/16/2017 11 a.m. none
none 1/18/2017 7 a.m. 45 45 gathering line capture 45 0 na
"48.312749, -103.553721" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL124 3310504111 no deviations na Ruth 28-33 7H
"48.312749, -103.553721" 12/30/2016 9 a.m. 12/30/2016 9 a.m. none
none 1/1/2017 2 a.m. 42 42 gathering line capture 42 0 na
"48.312749, -103.553721" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL124 3310504110 no deviations na Jack 21-16 7TFH
"48.312749, -103.553721" 1/8/2017 3 p.m. 1/8/2017 3 p.m. none none
1/11/2017 10 a.m. 68 68 gathering line capture 68 0 na
"48.312749, -103.553721" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 MN039 3306103586 no deviations na Hospital 31-36 7H
"48.284592, -102.550967" 1/1/2017 2 a.m. 1/1/2017 2 a.m. none none
1/2/2017 3 p.m. 38 38 gathering line capture 38 0 na
"48.284592, -102.550967" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN039 3306103587 no deviations na Hospital 31-36 8TFH
"48.284592, -102.550967" 12/23/2016 2 p.m. 12/23/2016 2 p.m. none
none 12/28/2016 1 a.m. 108 108 gathering line capture 108 0 na
"48.284592, -102.550967" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN073 3306103577 no deviations na Bures 20-29 8TFH
"48.241339, -102.662857" 11/26/2016 2 a.m. 11/26/2016 2 a.m. none
none 11/29/2016 2 a.m. 73 73 gathering line capture 73 0 na
"48.241339, -102.662857" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN073 3306103576 no deviations na Bures 20-29 XE 1H
"48.241339, -102.662857" 12/5/2016 11 a.m. 12/5/2016 11 a.m. none
none 12/7/2016 1 p.m. 51 51 gathering line capture 51 0 na
"48.241339, -102.662857" none none none na Ross gathering onsite
Sales line pressure too high or capacity too low capture Gas quality (Wet gas)
Gas quality (Wet gas) No gas compressors onsite and gathering line pressure limited.
none none

110070131963 MN073 3306103578 no deviations na Charlie Sorenson 17-8
8TFH "48.241339, -102.662857" 11/30/2016 9 p.m. 11/30/2016 9 p.m.
none none 12/3/2016 8 a.m. 60 60 gathering line capture 60 0
na "48.241339, -102.662857" none none none na Ross gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none

none

110070131963 MN073 3306103969 no deviations na Charlie Sorenson 17-8 XE
1H-R "48.241339, -102.662857" 12/15/2016 5 p.m. 12/15/2016 5 p.m.
none none 12/20/2016 9 a.m. 113 113 gathering line capture 113
0 na "48.241339, -102.662857" none none none na Ross gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL029 3310504196 no deviations na Lougheed 2-11 3H
"48.197049, -103.639042" 7/3/2017 11 a.m. 7/3/2017 11 a.m. none none
7/6/2017 1 p.m. 63 63 gathering line capture 63 0 na
"48.197049, -103.639042" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL029 3310504197 no deviations na Lougheed 2-11 4TFH
"48.197049, -103.639042" 6/30/2017 1 p.m. 6/30/2017 1 p.m. none none
7/2/2017 6 p.m. 54 54 gathering line capture 54 0 na
"48.197049, -103.639042" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL029 3310504198 no deviations na Lougheed 2-11 5H
"48.197049, -103.639042" 6/26/2017 4 p.m. 6/26/2017 4 p.m. none none
6/28/2017 7 a.m. 64 64 gathering line capture 64 0 na
"48.197049, -103.639042" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL029 3310504199 no deviations na Lougheed 2-11 XE 1TFH
"48.197049, -103.639042" 5/21/2017 2 p.m. 5/21/2017 2 p.m. none none
5/23/2017 5 p.m. 52 52 gathering line capture 52 0 na
"48.197049, -103.639042" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL029 3310504193 no deviations na Lougheed 2-11 7H
"48.197049, -103.639042" 7/6/2017 1 p.m. 7/6/2017 1 p.m. none none
7/9/2017 9 p.m. 55 55 gathering line capture 55 0 na
"48.197049, -103.639042" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL029 3310504192 no deviations na Lougheed 2-11 8TFH
"48.197049, -103.639042" 7/10/2017 6 p.m. 7/10/2017 6 p.m. none none
7/13/2017 7 a.m. 62 62 gathering line capture 62 0 na
"48.197049, -103.639042" none none none na NE Williams gathering
onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131963 WL029 3310504191 no deviations na Lougheed 2-11 XW 1H
"48.197049, -103.639042" 7/14/2017 5 a.m. 7/14/2017 5 a.m. none none
7/16/2017 11 a.m. 55 55 gathering line capture 55 0 na
"48.197049, -103.639042" none none none na NE Williams gathering

onsite Sales line pressure too high or capacity too low capture Gas quality
(Wet gas) Gas quality (Wet gas) No gas compressors onsite and gathering line
pressure limited. none
none

110070131986 Blackwell-Eyhorn GU1 B Pad 42-255-35300 NA none.pdf
Blackwell-Eyhorn GU1 B6H 28.911489 -97.676834 12 p.m. 7/19/2017 12 p.m.
7/19/2017 NA 7/23/2017 12 p.m. 96 Sent to sales 0 0 NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA

110070131986 Blackwell-Eyhorn GU1 B Pad 42-255-35301 NA none.pdf
Blackwell-Eyhorn GU1 B7H 28.911489 -97.676834 1 p.m. 7/19/2017 1 p.m.
7/19/2017 NA 7/23/2017 1 p.m. 96 Sent to sales 0 0 NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA

110070131986 Blackwell-Eyhorn GU1 B Pad 42-255-35305 NA none.pdf
Blackwell-Eyhorn GU1 B8H 28.911489 -97.676834 2 p.m. 7/19/2017 2 p.m.
7/19/2017 NA 7/23/2017 2 p.m. 96 Sent to sales 0 0 NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA

110070131986 "Gus Tips GU1 C1H, Gus Tips-Runge C3H" 42-255-32102 NA
none.pdf Gus Tips GU1 C1H 28.878781 -97.693212 NA NA NA NA NA
NA NA Sent to sales NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA

110070131986 "Gus Tips GU1 C1H, Gus Tips-Runge C3H" 42-255-35556 NA
none.pdf Gus Tips-Runge C3H 28.878781 -97.693212 NA NA NA NA NA
NA NA Sent to sales NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA

110070131986 Gus Tips GU1 D Pad 42-255-35003 NA none.pdf Gus Tips GU1
D1H 28.871787 -97.702104 8 a.m. 8/20/2016 8 a.m. 8/20/2016 NA
8/24/2016 8 a.m. 96 Sent to sales 0 0 NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA

110070131986 Gus Tips GU1 D Pad 42-255-35005 NA none.pdf Gus Tips GU1
D2H 28.871787 -97.702104 9 a.m. 8/20/2016 9 a.m. 8/20/2016 NA
8/24/2016 9 a.m. 96 Sent to sales 0 0 NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA

110070131986 Gus Tips GU1 D Pad 42-255-35007 NA none.pdf Gus Tips GU1
D3H 28.871787 -97.702104 10 a.m. 8/20/2016 10 a.m. 8/20/2016 NA
8/24/2016 10 a.m. 96 Sent to sales 0 0 NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA

110070131986 Kolo Neller Rhodes Trust GU1 B Pad 42-255-34970 NA none.pdf
Kolo Neller Rhodes Trust GU1 B4H 28.871133 -97.732557 7 a.m. 6/28/2016 7
a.m. 6/28/2016 NA 7/2/2016 7 a.m. 96 Sent to sales 0 0
NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA

110070131986 Kolo Neller Rhodes Trust GU1 B Pad 42-255-34971 NA none.pdf
Kolo Neller Rhodes Trust GU1 B5H 28.871133 -97.732557 8 a.m. 6/28/2016 8
a.m. 6/28/2016 NA 7/2/2016 8 a.m. 96 Sent to sales 0 0
NA
NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
NA NA

110070131986 Kolo Neller Rhodes Trust GU1 B Pad 42-255-34972 NA none.pdf
Kolo Neller Rhodes Trust GU1 B6H 28.871133 -97.732557 9 a.m. 6/28/2016 9

a.m.	6/28/2016	NA	7/2/2016	9 a.m.	96	Sent to sales						0	0
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA												
110070131986	Krause A Pad	42-255-35430	NA	none.pdf	Krause A2H								
28.70331	-98.010132	8 a.m.	9/5/2017	8 a.m.	9/5/2017	NA	9/9/2017						
8 a.m.	96	Sent to sales		3	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Krause A Pad	42-255-35431	NA	none.pdf	Krause A3H								
28.70331	-98.010132	9 a.m.	9/5/2017	9 a.m.	9/5/2017	NA	9/9/2017						
8 a.m.	95	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Krause A Pad	42-255-35433	NA	none.pdf	Krause A4H								
28.70331	-98.010132	10 a.m.	9/5/2017	10 a.m.	9/5/2017	NA	9/9/2017						
8 a.m.	94	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Neller C Pad	42-255-34918	NA	none.pdf	Neller C1H								
28.872408	-97.727234	8 a.m.	10/21/2016	8 a.m.	10/21/2016	NA							
10/25/2016	8 a.m.	96	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Neller C Pad	42-255-34919	NA	none.pdf	Neller C2H								
28.872408	-97.727234	9 a.m.	10/21/2016	9 a.m.	10/21/2016	NA							
10/25/2016	9 a.m.	96	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Neller C Pad	42-255-34920	NA	none.pdf	Neller C3H								
28.872408	-97.727234	10 a.m.	10/21/2016	10 a.m.	10/21/2016	NA							
10/25/2016	10 a.m.	96	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Neller GU1 D Pad	42-255-35426	NA	none.pdf	Neller GU1 D1H								
28.869026	-97.710855	7 a.m.	8/6/2017	7 a.m.	8/6/2017	NA	8/10/2017						
4 p.m.	105	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Neller GU1 D Pad	42-255-35427	NA	none.pdf	Neller-Elizondo								
D2H 28.869026	-97.710855	8 a.m.	8/6/2017	8 a.m.	8/6/2017	NA							
8/10/2017	4 p.m.	104	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Neller GU1 D Pad	42-255-35432	NA	none.pdf	Neller-Elizondo								
D3H 28.869026	-97.710855	9 a.m.	8/6/2017	9 a.m.	8/6/2017	NA							
8/10/2017	4 p.m.	103	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Phillippe GU1 B Pad	42-255-34757	NA	none.pdf	Phillippe GU1								
B4H 28.810437	-97.824855	7 a.m.	5/20/2016	7 a.m.	5/20/2016	NA							
5/24/2016	7 a.m.	96	Sent to sales		3	0	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Phillippe GU1 B Pad	42-255-34758	NA	none.pdf	Phillippe GU1								
B5H 28.810437	-97.824855	8 a.m.	5/20/2016	8 a.m.	5/20/2016	NA							
5/24/2016	8 a.m.	96	Sent to sales		3	0	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

110070131986	Phillippe GU1 B Pad	42-255-34756	NA	none.pdf	Phillippe GU1										
B6H	28.810437	-97.824855	9 a.m.	5/20/2016	9 a.m.	5/20/2016	NA								
5/24/2016	9 a.m.	96	Sent to sales		3	0	NA								
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Slaughter-Rhodes Trust GU1 C Pad	42-255-34865	NA	none.pdf											
Slaughter-Rhodes Trust GU1 C1H	28.866777	-97.741212	7 a.m.	3/23/2016	7 a.m.	3/23/2016	NA								7
a.m.	3/23/2016	NA	3/28/2016	6 a.m.	119	Sent to sales		0	0						
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA														
110070131986	Slaughter-Rhodes Trust GU1 C Pad	42-255-34855	NA	none.pdf											
Slaughter-Rhodes Trust GU1 C2H	28.866777	-97.741212	8 a.m.	3/23/2016	8 a.m.	3/23/2016	NA								8
a.m.	3/23/2016	NA	3/28/2016	6 a.m.	118	Sent to sales		0	0						
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA														
110070131986	Slaughter-Rhodes Trust GU1 C Pad	42-255-34866	NA	none.pdf											
Slaughter-Rhodes Trust GU1 C3H	28.866777	-97.741212	9 a.m.	3/23/2016	9 a.m.	3/23/2016	NA								9
a.m.	3/23/2016	NA	3/28/2016	6 a.m.	117	Sent to sales		0	0						
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA														
110070131986	Slaughter-Rhodes Trust GU1 C Pad	42-255-34867	NA	none.pdf											
Slaughter-Rhodes Trust GU1 C4H	28.866777	-97.741212	2 p.m.	7/6/2017	2 p.m.	7/6/2017	NA								2
p.m.	7/6/2017	NA	7/11/2017	2 p.m.	120	Sent to sales		0	0						
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA														
110070131986	Slaughter-Rhodes Trust GU1 C Pad	42-255-34868	NA	none.pdf											
Slaughter-Rhodes Trust GU1 C5H	28.866777	-97.741212	1 p.m.	7/6/2017	1 p.m.	7/6/2017	NA								1
p.m.	7/6/2017	NA	7/11/2017	2 p.m.	121	Sent to sales		0	0						
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA														
110070131986	Uszynski-Furlow and Buzzard Vista D Pad	NA	NA	none.pdf											
Uszynksi-Furlow D1H	28.793002	-97.829584	8 a.m.	6/5/2017	8 a.m.	6/5/2017	NA								
6/5/2017	NA	6/13/2017	8 a.m.	192	Sent to sales		0	0	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Uszynski-Furlow and Buzzard Vista D Pad	NA	NA	none.pdf											
Uszynksi-Furlow D2H	28.793002	-97.829584	9 a.m.	6/5/2017	9 a.m.	6/5/2017	NA								
6/5/2017	NA	6/13/2017	8 a.m.	191	Sent to sales		0	0	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Uszynski-Furlow and Buzzard Vista D Pad	NA	NA	none.pdf											
Uszynksi-Furlow D3H	28.793002	-97.829584	10 a.m.	6/5/2017	9 a.m.	6/5/2017	NA								
6/5/2017	NA	6/13/2017	9 a.m.	192	Sent to sales		0	0	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Uszynski-Furlow and Buzzard Vista D Pad	NA	NA	none.pdf											
Uszynksi-Furlow D4H	28.793002	-97.829584	11 a.m.	6/5/2017	11 a.m.	6/5/2017	NA								
6/5/2017	NA	6/13/2017	9 a.m.	190	Sent to sales		0	0	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Uszynski-Furlow and Buzzard Vista D Pad	NA	NA	none.pdf											
Buzzard Vista D6H	28.793002	-97.829584	12 p.m.	6/5/2017	12 p.m.	6/5/2017	NA								
6/5/2017	NA	6/13/2017	10 a.m.	190	Sent to sales		0	0	NA	NA					
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA

110070131986 Uszynski-Furlow and Buzzard Vista D Pad NA none.pdf
 Buzzard Vista D7H 28.793002 -97.829584 1 p.m. 6/5/2017 1 p.m.
 6/5/2017 NA 6/13/2017 10 a.m. 189 Sent to sales 0 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA

110070131986 Wessendorff 5 - Wessendorff 7 GU1 C Pad 42-255-34690 NA
 none.pdf Wessendorff 5 - Wessendorff 7 GU1 C1H 28.827973 -97.792824 10 a.m.
 3/7/2016 10 a.m. 3/7/2016 NA 3/11/2016 7 a.m. 93 Sent to sales
 0 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA

110070131986 Wessendorff 5 - Wessendorff 7 GU1 C Pad 42-255-34679 NA
 none.pdf Wessendorff 5 - Wessendorff 7 GU1 C2H 28.827973 -97.792824 7 a.m.
 3/7/2016 7 a.m. 3/7/2016 NA 3/16/2016 6 a.m. 215 Sent to sales
 2 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA

110070131986 Wessendorff 5 - Wessendorff 7 GU1 C Pad 42-255-34680 NA
 none.pdf Wessendorff 5 - Wessendorff 7 GU1 C3H 28.827973 -97.792824 9 a.m.
 3/7/2016 9 a.m. 3/7/2016 NA 3/11/2016 7 a.m. 94 Sent to sales
 1 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA

110070131986 Wessendorff 5 - Wessendorff 7 GU1 C Pad 42-255-34681 NA
 none.pdf Wessendorff 5 - Wessendorff 7 GU1 C4H 28.827973 -97.792824 8 a.m.
 3/7/2016 8 a.m. 3/7/2016 NA 3/11/2016 7 a.m. 95 Sent to sales
 0 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA

110070131986 Wessendorff 5 - Wessendorff 7 GU1 C Pad 42-255-34683 NA
 none.pdf Wessendorff 5 - Wessendorff 7 GU1 C5H 28.827973 -97.792824 11 a.m.
 3/7/2016 11 a.m. 3/7/2016 NA 3/11/2016 7 a.m. 92 Sent to sales
 0 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA

110070131986 Blaha-Dilworth A Pad 42-311-35782 NA none.pdf Blaha A3H
 28.443873 -98.558767 8 a.m. 10/30/2016 8 a.m. 10/30/2016 NA
 11/8/2016 8 a.m. 216 Sent to sales 0 0 NA NA NA NA NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA

110070131986 "Cooke Ranch F2SL, L1H, L3SL" 42-283-35850 NA none.pdf
 Cooke Ranch F2SL 28.290029 -99.060568 9 a.m. 2/16/2017 9 a.m.
 2/16/2017 NA 2/22/2017 6 a.m. 141 Sent to sales 0 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA

110070131986 "Cooke Ranch F2SL, L1H, L3SL" 42-283-35847 NA none.pdf
 Cooke Ranch L1H 28.290029 -99.060568 8 a.m. 2/16/2017 8 a.m.
 2/16/2017 NA 2/22/2017 6 a.m. 142 Sent to sales 0 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA

110070131986 "Cooke Ranch F2SL, L1H, L3SL" 42-283-35846 NA none.pdf
 Cooke Ranch L3SL 28.290029 -99.060568 7 a.m. 2/16/2017 7 a.m.
 2/16/2017 NA 2/22/2017 6 a.m. 143 Sent to sales 0 0 NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
 NA

110070131986	Powers J Pad	42-311-36546	NA	none.pdf	Powers J7H										
28.485254	-98.540936	10 a.m.	4/23/2017	10 a.m.	4/23/2017	NA									
4/29/2017	6 a.m.	140	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Powers J Pad	42-311-36547	NA	none.pdf	Powers J8H										
28.485254	-98.540936	12 p.m.	4/23/2017	12 p.m.	4/23/2017	NA									
4/29/2017	6 a.m.	138	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Powers J Pad	42-311-36548	NA	none.pdf	Powers J9H										
28.485254	-98.540936	2 p.m.	4/23/2017	2 p.m.	4/23/2017	NA									
4/29/2017	6 a.m.	136	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Powers J Pad	42-311-36550	NA	none.pdf	Powers J10H										
28.485254	-98.540936	3 p.m.	4/23/2017	3 p.m.	4/23/2017	NA									
4/29/2017	6 a.m.	135	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	Powers J Pad	42-311-36551	NA	none.pdf	Powers J11H										
28.485254	-98.540936	5 p.m.	4/23/2017	5 p.m.	4/23/2017	NA									
4/29/2017	6 a.m.	133	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STS D Pad	42-283-35623	NA	none.pdf	STS D1H	28.309528									
-98.866036	8 a.m.	2/4/2017	8 a.m.	2/4/2017	NA	2/16/2017	6 a.m.								
286	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STS D Pad	42-283-35622	NA	none.pdf	STS D2H	28.309528									
-98.866036	9 a.m.	2/4/2017	9 a.m.	2/4/2017	NA	2/16/2017	6 a.m.								
285	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STS D Pad	42-283-35621	NA	none.pdf	STS D3H	28.309528									
-98.866036	10 a.m.	2/4/2017	10 a.m.	2/4/2017	NA	2/16/2017	6 a.m.								
284	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STS I Pad	42-283-35827	NA	none.pdf	STS I1H	28.300395									
-98.861105	8 a.m.	1/29/2017	8 a.m.	1/29/2017	NA	2/10/2017	6 a.m.								
286	Sent to sales		8	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STS I Pad	42-283-35828	NA	none.pdf	STS I2H	28.300395									
-98.861105	9 a.m.	1/29/2017	9 a.m.	1/29/2017	NA	2/10/2017	6 a.m.								
285	Sent to sales		8	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STS I Pad	42-283-35904	NA	none.pdf	STS I3H	28.300395									
-98.861105	3 a.m.	7/1/2017	3 a.m.	7/1/2017	NA	7/13/2017	6 a.m.								
291	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STS I Pad	42-283-35905	NA	none.pdf	STS I4H	28.300395									
-98.861105	3 a.m.	7/1/2017	3 a.m.	7/1/2017	NA	7/13/2017	6 a.m.								
291	Sent to sales		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STIS I Pad	42-283-35906	NA	none.pdf	STIS I5H	28.300395									
-98.861105	9 p.m.	7/1/2017	9 p.m.	7/1/2017	NA	7/13/2017	6 a.m.								
273	Sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STIS I Pad	42-283-35911	NA	none.pdf	STIS I6H	28.300395									
-98.861105	9 p.m.	7/3/2017	9 p.m.	7/3/2017	NA	7/13/2017	6 a.m.								
273	Sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	STIS I Pad	42-283-35912	NA	none.pdf	STIS I7H	28.300395									
-98.861105	9 p.m.	7/3/2017	9 p.m.	7/3/2017	NA	7/13/2017	6 a.m.								
273	Sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	"Tilden O1H, Lester Powers O2H"	42-311-36651	NA	none.pdf											
Tilden O1H	28.467816	-98.541473	7 p.m.	5/2/2017	7 p.m.	5/2/2017	NA								NA
5/9/2017	6 a.m.	155	Sent to sales	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131986	"Tilden O1H, Lester Powers O2H"	42-311-36652	NA	none.pdf											
Lester Powers O2H	28.467816	-98.541473	12 p.m.	5/2/2017	12 p.m.	5/2/2017	NA								
5/2/2017	NA	5/9/2017	6 a.m.	162	Sent to sales	0	0	NA							
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
110070131985	1772	05-045-22526			Gm 43-8										
MV 16-9.zip															
110070131985	1772	05-045-22531			Gm 322-9										
MV 16-9.zip															
110070131985	1772	05-045-22533			Gm 442-8										
MV 16-9.zip															
110070131985	1772	05-045-22534			Gm 542-8										
MV 16-9.zip															
110070131985	3186	05-045-22599			Ru 21-6										
RU 13-6.zip															
110070131985	3186	05-045-22603			Ru 321-6										
RU 13-6.zip															
110070131985	1772	05-045-22528			Gm 422-9										
MV 16-9.zip															
110070131985	1772	05-045-22535			Gm 432-9										
MV 16-9.zip															
110070131985	1772	05-045-22530			Gm 522-9										
MV 16-9.zip															
110070131985	1772	05-045-22536			Gm 532-9										
MV 16-9.zip															
110070131985	1772	05-045-22532			Gm 42-8										
MV 16-9.zip															
110070131985	1772	05-045-22529			Gm 421-9										
MV 16-9.zip															
110070131985	1772	05-045-22527			Gm 411-9										
MV 16-9.zip															
110070131985	3197	05-045-23129			Ru 523-7										

RU 22-7.zip			
110070131985 RU 22-7.zip	3197	05-045-23131	Ru 423-7
110070131985 RU 22-7.zip	3197	05-045-23232	Ru 23-7
110070131985 RU 22-7.zip	3197	05-045-23133	Ru 323-7
110070131985 RU 22-7.zip	3197	05-045-23230	Ru 412-7
110070131985 RU 22-7.zip	3197	05-045-23231	Ru 422-7
110070131985 RU 22-7.zip	3197	05-045-23132	Ru 322-7
110070131985 RU 22-7.zip	3197	05-045-23234	Ru 411-7
110070131985 RU 22-7.zip	3197	05-045-23233	Ru 421-7
110070131985 RU 22-7.zip	3197	05-045-23128	Ru 512-7
110070131985 RU 22-7.zip	3197	05-045-23130	Ru 31-7
110070131985 RU 22-7.zip	3197	05-045-23235	Ru 311-7
110070131985 RU 22-7.zip	3197	05-045-23134	Ru 321-7
110070131985 SR 43-12.zip	15070	05-045-23260	Ru 514-7
110070131985 SR 43-12.zip	15070	05-045-23255	Sr 544-12
110070131985 SR 43-12.zip	15070	05-045-23246	Ru 314-7
110070131985 SR 43-12.zip	15070	05-045-23253	Sr 444-12
110070131985 SR 43-12.zip	15070	05-045-23259	Ru 14-7
110070131985 SR 43-12.zip	15070	05-045-23257	Ru 413-7
110070131985 SR 43-12.zip	15070	05-045-23249	Ru 513-7
110070131985 SR 43-12.zip	15070	05-045-23256	Sr 344-12
110070131985 SR 43-12.zip	15070	05-045-23258	Ru 424-7
110070131985 SR 43-12.zip	15070	05-045-23247	Ru 524-7
110070131985 SR 43-12.zip	15070	05-045-23250	Sr 44-12
110070131985 SR 43-12.zip	15070	05-045-23261	Ru 24-7

110070131985 SR 43-12.zip	15070	05-045-23251	Ru 313-7
110070131985 SR 43-12.zip	15070	05-045-23252	Ru 324-7
110070131985 SR 43-12.zip	15070	05-045-25400	Sr 342-12
110070131985 SR 43-12.zip	15070	05-045-23248	Sr 442-12
110070131985 RGU 23-25.zip	15170	05-103-11868	Rgu 23-25-198 Fed
110070131985 TR 24-21.zip	7719	05-045-23347	Tr 13-21-597
110070131985 TR 24-21.zip	7719	05-045-23673	Tr 23-21-597
110070131985 TR 24-21.zip	7719	05-045-23339	Tr 313-21-597
110070131985 TR 24-21.zip	7719	05-045-23350	Tr 323-21-597
110070131985 TR 24-21.zip	7719	05-045-23344	Tr 413-21-597
110070131985 TR 24-21.zip	7719	05-045-23342	Tr 423-21-597
110070131985 TR 24-21.zip	7719	05-045-23345	Tr 513-21-597
110070131985 TR 24-21.zip	7719	05-045-23352	Tr 523-21-597
110070131985 TR 44-27.zip	3810	05-045-23330	Tr 43-27-597
110070131985 TR 44-27.zip	3810	05-045-23334	Tr 343-27-597
110070131985 TR 44-27.zip	3810	05-045-23329	Tr 433-27-597
110070131985 TR 44-27.zip	3810	05-045-18343	Tr 443-27-597
110070131985 TR 44-27.zip	3810	05-045-23332	Tr 533-27-597
110070131985 TR 44-27.zip	3810	05-045-23331	Tr 534-27-597
110070131985 TR 44-27.zip	3810	05-045-19259	Tr 544-27-597
110070131985 TR 44-27.zip	3810	05-045-23502	Tr 634-27-597
110070131985 TR 24-21.zip	7719	05-045-23341	Tr 314-21-597
110070131985 TR 24-21.zip	7719	05-045-23349	Tr 334-21-597
110070131985 TR 24-21.zip	7719	05-045-23340	Tr 414-21-597
110070131985 TR 24-21.zip	7719	05-045-23348	Tr 524-21-597

110070131985	7719	05-045-23343	Tr 434-21-597
TR 24-21.zip			
110070131985	7719	05-045-23351	Tr 324-21-597
TR 24-21.zip			
110070131985	2233	05-103-11897	Rg 414-14-298 Fed
RG 24-14-298.zip			
110070131985	2233	05-103-11904	Rg 524-14-298 Fed
RG 24-14-298.zip			
110070131985	1801	05-045-22690	Gm 34-10
MV 5-10.zip			
110070131985	1801	05-045-22704	Gm 312-10
MV 5-10.zip			
110070131985	1801	05-045-22686	Gm 334-10
MV 5-10.zip			
110070131985	1801	05-045-22682	Gm 434-10
MV 5-10.zip			
110070131985	1772	05-045-22684	Gm 442-9
MV 5-10.zip			
110070131985	15543	05-045-23297	Sr 21-12
RU 32-12.zip			
110070131985	15543	05-045-23303	Sr 31-12
RU 32-12.zip			
110070131985	15543	05-045-23288	Sr 321-12
RU 32-12.zip			
110070131985	15543	05-045-23289	Sr 421-12
RU 32-12.zip			
110070131985	1801	05-045-22671	Gm 12-10
MV 5-10.zip			
110070131985	1801	05-045-22683	Gm 433-10
MV 5-10.zip			
110070131985	1801	05-045-22702	Gm 533-10
MV 5-10.zip			
110070131985	1801	05-045-22680	Gm 544-10
MV 5-10.zip			
110070131987	7	4237531870	Bivins 15-10 East 1H "35.33053 latitude,
-101.78209 longitude"	6/26/2017	1600	7/25/17; 8/3/17 1300; 1200
7/26/2017	0400	8/25/2017	1600 1440 Onsite fuel; combusted 547
0			
110070131987	8	4237531867	Bivins 15-34 East 1H "35.33101 latitude,
-101.78231 longitude"	5/29/2017	1700	6/23/17; 7/23/17 1500; 0600
7/22/2017	1200	8/25/2017	1600 2111 Onsite fuel; combusted 1495
0			
110070131987	9	4237531866	Bivins 52-17 East 1H "35.37368 latitude,
-101.80165 longitude"	4/26/2017	2300	5/11/2017 1900 7/11/2017
0700	1808	Onsite fuel; combusted	1452 0
110070131987	10	4237531868	Bivins 52-38 East 1H "35.37329 latitude,
-101.80165 longitude"	5/3/2017	1400	5/16/17; 6/24/17 1100; 2000
6/23/2017	2200	7/11/2017	0700 1649 Onsite fuel; combusted 1317
0			
110070131987	12	4221135573	
Black Jack 14-3H_6-29-17.jpg			

110070131987 17 4248333932
Britt 10-2H_3-1-17.jpg

110070131987 20 4248333935
Britt Ranch Unit 35-1H_5-31-17.jpg

110070131987 22 4248333933
Britt Ranch Unit 45-1H_5-12-17.jpg

110070131987 26 4235733635 Code Breaker 848-1H "36.33193 latitude,
-100.59733 longitude" 4/30/2017 2200 5/10/2017 1800 5/14/2017
0700 321 85 Sales line 0 0

110070131987 30 4219531919 Dorothy 6-1H "36.11101 latitude, -
101.45926 longitude" 3/17/2017 1000 3/27/17; 4/1/17 1400; 0700 3/31/2017
0700 4/2/2017 0700 381 113 Onsite fuel; combusted 113 0

110070131987 33 4235733631 Elizabeth 314-2H "36.14476 latitude, -
100.70872 longitude" 4/9/2017 1100 4/18/2017 1700 5/3/2017
0700 572 350 Sales line 0 0

110070131987 35 4221135574
Flowers A 27-3H_6-29-17.jpg

110070131987 54 4221135546
Madeline 55 26-2H_1-12-17.jpg

110070131987 60 4221135552
Omaha 15-2H_2-6-17.jpg

110070131987 62 4221135559
Pyeatt 51-4H_4-25-17.jpg

110070131987 68 4221135560
Ramp 50-3H_4-25-17.jpg

110070131987 69 4221135571
Ramp Walker 11-1H_6-29-17.jpg

110070131987 70 3504523629 Sharpshooter 1H-17 "35.95598 latitude, -
99.56128 longitude" 2/28/2017 0900 3/7/2017 1600 3/15/2017
0700 358 183 Sales line 0 0

110070131987 78 3500921982
Thoroughbred 1H-36_2-27-17.jpeg

110070131987 82 4221135551
Walker 29-7H_1-8-17.jpg

110070131987 86 4221135570 Walter 24-2H "35.93939 latitude, -
100.18201 longitude" 5/14/2017 1200 5/20/2017 1000 5/29/2017
0700 355 213 Sales line 0 0

110070131992 6 42-365-38228 none 148200 "32.1328024156, -
94.4784018524" 10/29/2015 18:00 10/29/2015 19:00 10/29/2015 20:00
11/18/2015 6:00 468 2 Routed to gas flow line 0 0 N/A

110070131992 7 42-365-38229 none 148222 "32.1328024156, -
94.4784018524" 10/29/2015 17:45 10/29/2015 22:00 10/29/2015 23:00
11/18/2015 6:00 468.25 4.25 Routed to gas flow line and flowing to tanks
0 3.25 "Insufficient rate, period to displace casing fluid"

110070131992 8 42-365-38227 none 148185 "32.1501298593, -
94.4838078668" 10/29/2015 1:00 "10/29/15
10/30/15" "01:00
01:00" "10/29/15
10/30/15" "18:15
2:00" 11/18/2015 6:00 483 25 Routed to gas flow line and flowing to
tanks 0 3 "Insufficient rate, period to displace casing fluid"

110070131992	9	42-365-38225	none	148303	"32.1624775152, -94.475525481"	11/2/2015	19:00	11/3/2015	7:00	11/3/2015	10:00	12/1/2015	6:00	683	9	Flowed through manifold and gas flow line	0	0	N/A
110070131992	10	42-365-38261	none	148299	"32.12717, -94.474512"	11/2/2015	19:00	N/A	N/A	N/A	N/A	12/1/2015	6:00	683	3	Routed to gas flow line	0	0	N/A
110070131992	11	42-365-38161	none	148785	"32.104712, -94.411887"	12/1/2015	20:00	12/2/2015	4:00	12/2/2015	5:00	12/15/2015	6:00	322	7	Routed to gas flow line	0	0	N/A
110070131992	12	42-365-38251	none	148960	"32.105822, -94.405714"	12/1/2017	N/A	N/A	N/A	N/A	N/A	12/14/2015	6:00	322	2	Routed to gas flow line	0	0	N/A
110070131992	13	42-365-38160	none	148892	"32.105415, -94.408707"	12/1/2017	N/A	N/A	N/A	N/A	N/A	12/14/2015	6:00	322	2	Routed to gas flow line	0	0	N/A
110070131992	14	42-365-38272	none	171636	"32.109412, -94.455375"	1/10/2017	17:45	N/A	N/A	N/A	N/A	2/3/2017	6:00	269	16	Routed to gas flow line	0	0	N/A
110070131992	15	42-365-38273	none	172364	"32.106613, -94.451846"	1/11/2017	16:30	N/A	N/A	N/A	N/A	1/24/2017	6:00	277.5	14	Routed to gas flow line	0	0	N/A
110070131992	16	42-365-30794	none	178638	"32.117979, -94.454394"	5/25/2017	16:00	N/A	N/A	N/A	N/A	5/27/2017	6:00	38	1	Routed to gas flow line	0	0	N/A
110070131992	17	42-365-32642	none	179241	"32.158191, -94.421508"	6/1/2017	16:30	N/A	N/A	N/A	N/A	6/2/2017	6:00	13.5	1	Routed to gas flow line	0	0	N/A
110070131992	18	42-365-35657	none	177734	"32.181935, -94.419917"	7/10/2017	13:43	N/A	N/A	N/A	N/A	7/12/2017	6:00	40.25	1	Routed to gas flow line	0	0	N/A

"DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION
FOR INTERNAL USE ONLY"

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)

CitationID 60.5420a(b)

Template Version v1.00

Last Updated Date

"40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

"

"For each centrifugal compressor affected facility, an owner or operator must include the information specified in paragraphs (b)(3)(i) through (iv) of this section in all annual reports: "

The asterisk (*) next to each field indicates that the corresponding field is required.

Centrifugal Compressors Required to Comply with §60.5380a(a)(2) - Cover and Closed Vent System Requirements
Centrifugal Compressors with Carbon Adsorption
Centrifugal Compressors Subject to Control Device Requirements of §60.5412a(a)-(c)
"Centrifugal Compressors Using a Wet Seal System Constructed, Modified, or Reconstructed During Reporting Period with Control Device Tested Under §60.5413a(d) "

"Facility Record No. *

(Select from dropdown list - may need to scroll up)" "Compressor ID *

(\$60.5420a(b)(1)(ii))" "For centrifugal compressors using a wet seal system, was the compressor constructed, modified or reconstructed during the reporting period? *

(\$60.5420a(b)(3)(i))" "Deviations where the centrifugal compressor was not operated in compliance with requirements *

(\$60.5420a(b)(3)(ii) and \$60.5420a(c)(2))" "Record of Each Closed Vent System Inspection *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(6))" "Record of Each Cover Inspection *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(7))" "If you are subject to the bypass requirements of \$60.5416a(a)(4) and you monitor the bypass with a flow indicator, a record of each time the alarm is sounded. *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(8))" "If you are subject to the bypass requirements of \$60.5416a(a)(4) and you use a secured valve, a record of each monthly inspection. *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(8))" "If you are subject to the bypass requirements of \$60.5416a(a)(4) and you use a lock-and-key valve, a record of each time the key is checked out. *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(8))" "Record of No Detectable Emissions Monitoring Conducted According to \$60.5416a(b) *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(9))" "Records of the Schedule for Carbon Replacement *

(determined by design analysis)

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(10))" "Records of Each Carbon Replacement *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(10))" "Minimum/Maximum Operating Parameter Value *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(11))" "Please provide the file name that contains the Continuous Parameter Monitoring System Data *

(\$60.5420a(b)(3)(iii) and \$60.5420a(c)(11))

Please provide the file name that contains." "Please provide the file name that contains the Calculated Averages of Continuous Parameter Monitoring System Data * (\$60.5420a(b)(3)(iii) and \$60.5420a(c)(11))

Please provide the file name that contains." "Please provide the file name that contains the Results of All Compliance Calculations * (\$60.5420a(b)(3)(iii) and \$60.5420a(c)(11))

Please provide the file name that contains." "Please provide the file name that contains the Results of All Inspections * (\$60.5420a(b)(3)(iii) and \$60.5420a(c)(11))

Please provide the file name that contains." "Make of Purchased Device *

(\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(i))" "Model of Purchased Device *

(\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(i))" Serial Number of Purchased Device *

(\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(i)) Date of Purchase (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(ii)) "Please provide the file name that contains the Copy of Purchase Order (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(iii))

Please provide the file name that contains." Latitude of Centrifugal Compressor (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) *

(\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(iv)) Longitude of Centrifugal Compressor (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) *

(\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(iv)) Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(iv)) Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (\$60.5420a(b)(3)(iv) and

\$60.5420a(c)(2)(iv)) "As an Alternative to Latitude and Longitude, please provide the file name that contains the Digital Photograph of Device either with Imbedded Latituded and Longitude or Visible GPS

(\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(vii))

Please provide the file name that contains.

" Inlet Gas Flow Rate * (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(v)) "Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(vi)(A))

Please provide the file name that contains." "Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(vi)(B))

Please provide the file name that contains." " Please provide the file name that contains the Records of Maintenance and Repair Log * (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(vi)(C))

Please provide the file name that contains." "Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(vi)(D))

Please provide the file name that contains." "Please provide the file name that contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule *

(\$60.5420a(b)(3)(iv) and \$60.5420a(c)(2)(vi)(E))

Please provide the file name that contains."

XML Tag: CompressorId CompressorConstruct CompressorDeviation
VentSystemInspection VentCoverInspection VentAlarmRecord VentMonthInspection
VentKeyRecord VentDetectEmission CarbonReplaceSch CarbonReplaceRecord
CtrlOpParameter CtrlParameterFile CtrlAveragesFile CtrlComplianceFile
CtrlInspectionFile WetDeviceMake WetDeviceMake WetDeviceId WetPurchaseDate
WetPurchaseFile WetCompLatitude WetCompLongitude WetCtrlLatitude
WetCtrlLongitude WetLocationFile WetFlowRate WetFlameFile WetEmissionFile
WetMaintFile WetVisibleFile WetInstructionFile

e.g.: Comp-12b e.g.: modified "e.g.: On October 12, 2016, the pilot flame was not functioning on the combustion unit controlling the compressor." e.g.: Annual inspection conducted on 12/16/16. No defects observed. No detectable emissions observed. e.g.: Annual inspection conducted on 12/16/16. No defects observed. "e.g.: On 4/5/17, the bypass alarm sounded for 2 mintues." e.g.: Monthly inspection performed 4/15/17. Valve was maintained in the non-diverting position. Vent stream was not diverted through the bypass. e.g.: The key was not checked out during the annual reporting period. e.g.: Annual inspection conducted on 12/16/16. The highest reading using the FID was 300 ppmv. e.g.: Carbon must be replaced every 2 years. e.g.: Carbon was not replaced during the annual reporting period. e.g.: Minimum temperature differential across catalytic oxidizer bed of 20°F. e.g.: CPMS_Comp-12b.pdf or XYZCompressorStation.pdf e.g.: CPMSAvg_Comp-12b.pdf or XYZCompressorStation.pdf e.g.: ComplRslts_Comp-12b.pdf or XYZCompressorStation.pdf e.g.: InspectRslts_Comp-12b.pdf or XYZCompressorStation.pdf e.g.: Incinerator Guy e.g.: 400 Combustor e.g.: 123B3D392 e.g.: 12/10/16 e.g.: purchase_order.pdf or XYZCompressorStation.pdf e.g.: 34.12345 e.g.: -101.12345 e.g.: 34.12340 e.g.: -101.12340 e.g.: 400_combustor.pdf or XYZCompressorStation.pdf e.g.: 3000 scfh e.g.: pilotflame.pdf or XYZCompressorStation.pdf e.g.: noemissions.pdf or XYZCompressorStation.pdf e.g.: maintainlog.pdf or XYZCompressorStation.pdf e.g.: emistest.pdf or XYZCompressorStation.pdf e.g.: manufinsruct.pdf or XYZCompressorStation.pdf

"DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION

FOR INTERNAL USE ONLY"

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)

CitationID 60.5420a(b)

Template Version v. 1.00

Last Updated Date

"40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

"

"For each reciprocating compressor affected facility, an owner or operator must include the information specified in paragraphs (b)(4)(i) and (ii) of this section in all annual reports: "

The asterisk (*) next to each field indicates that the corresponding field is required.

"Facility Record No. *

(Select from dropdown list - may need to scroll up)" "Compressor ID *

(\$60.5420a(b)(1)(ii))" Are emissions from the rod packing unit being routed to a process through a closed vent system under negative pressure? * (\$60.5420a(b)(4)(i))

"If emissions are not routed to a process through a closed vent system under negative pressure, what are the cumulative number of hours or months of operation since initial startup or the previous rod packing replacement (whichever is later)? *

(\$60.5420a(b)(4)(i))" "Units of Time Measurement *

(\$60.5420a(b)(4)(i))" Deviations where the reciprocating compressor was not operated in compliance with requirements* (\$60.5420(b)(4)(ii) and \$60.5420a(c)(3)(iii))

XML Tag: CompressorId RodEmissionsFlag OpCumTime OpCumUnit CompressorDeviation

e.g.: Comp-12b e.g.: no e.g.: 2 e.g.: months e.g.: Rod packing replacement exceeded 36 months. Replacement occurred after 37 months.

110070131585	1	ENG-1	No	2	months	NA
110070131585	1	ENG-2	No	2	months	NA
110070131585	1	ENG-3	No	2	months	NA
110070131585	1	ENG-4	No	2	months	NA
110070131585	1	ENG-5	No	2	months	NA
110070131585	1	ENG-6	No	2	months	NA
110070131585	1	ENG-7	No	2	months	NA
110070131585	1	ENG-8	No	2	months	NA
110070131585	1	ENG-9	No	2	months	NA
110070131585	1	ENG-10	No	2	months	NA
110070131988	7	7H C-820 Booster Compressor	Yes	Not Applicable	Not	Not
Applicable	None					

110070131988	8	Poundstone 13-4 Compressor	No	6384	hours	None
110070131988	9	GOU 32-33-19 Compressor	No	7344	hours	None
110070131988	10	Ettl MM Compressor	No	18552	hours	None
110070131988	11	Willows 60-1a C-5250 Compressor	No	3288	hours	None
110070131988	12	Houghton 1-25 Compressor	No	18552	hours	None
110070131988	13	French Camp 70268 Compressor	No	4368	hours	None
110070131989	1	C-304	no	19	months	none
110070131989	1	C-305	no	19	months	none
110070131986		Franklin D Pad	1061	NA	23373	hours NA
110070131986		Franklin D Pad	3799	NA	15994	hours NA
110070131986		STS CDP	1775	NA	2518	hours NA
110070131986		STS CDP	73870	NA	Not Applicable	hours NA
110070131986		STS CDP	73280	NA	Not Applicable	hours NA
110070131986		STS CDP	805522	NA	8766	hours NA
110070131986		STS CDP	3695	NA	15388	hours NA
110070131986		Weeks Battery/CDP	930	NA	23531	hours NA
110070131986		Weeks Battery/CDP	1315	NA	10138	hours NA
110070131986		Weeks Battery/CDP	VRU-ENG	NA	NA	hours NA
110070131986		Y-Bar CDP	16021	NA	5088	hours NA
110070131986		Y-Bar CDP	77772	NA	Not Applicable	hours NA
110070131986		Y-Bar CDP	77897	NA	Not Applicable	hours NA
110070131986		Y-Bar CDP	804050	NA	Not Applicable	hours NA
110070131985	16214	Rulison 180	No	16	months	Compressor was always in compliance
110070131985	16699	Wasatch 800 CS	No	2	months	Compressor was always in compliance
110070131992	1	C-25	No	12/1/2016 (10)	months	none
110070131992	1	C-26	No	5/3/2017 (5)	months	none
110070131992	1	C-23	No	11/1/2014 (35)	months	none
110070131992	1	C-24	No	11/1/2015 (23)	months	none
110070131992	1	C-21	No	6/13/2017 (4)	months	none
110070131992	1	C-22	No	10/1/2015 (24)	months	none
110070131992	1	C-31	No	12/1/2016 (10)	months	none
110070131992	1	C-32	No	10/2/2015 (24)	months	none
110070131992	1	C-33	No	8/4/2017 (2)	months	none
110070131992	2	C-1	No	6/1/2017 (4)	months	none
110070131992	3	NE-C1	No	5/15/2017 (5)	months	none
110070131992	3	NE-C2	No	6/28/2017 (3)	months	none
110070131992	3	NE-C4	No	6/1/2017 (4)	months	none
110070131992	4	C1	No	12768	hours	none

110070131992 5 C1 No 2404 hours none

"DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION

FOR INTERNAL USE ONLY"

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)

CitationID 60.5420a(b)

Template Version v. 1.00

Last Updated Date

"40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

"

"For each pneumatic controller affected facility, an owner or operator must include the information specified in paragraphs (b) (5) (i) through (iii) of this section in all annual reports: "

The asterisk (*) next to each field indicates that the corresponding field is required.

Pneumatic Controllers with a Natural Gas Bleed Rate Greater than 6 scfh

"Facility Record No. *

(Select from dropdown list - may need to scroll up)" "Pneumatic Controller Identification *

(\$60.5420a(b) (1) (ii), \$60.5420a(b) (5) (i), and \$60.5390a(b) (2) or \$60.5390a(c) (2))"

"Was the pneumatic controller constructed, modified or reconstructed during the reporting period? *

(\$60.5420a(b) (5) (i))" "Month of Installation, Reconstruction, or Modification*

(\$60.5420a(b) (5) (i) and \$60.5390a(b) (2) or \$60.5390a(c) (2))" "Year of Installation, Reconstruction, or Modification*

(\$60.5420a(b) (5) (i) and \$60.5390a(b) (2) or \$60.5390a(c) (2))" "Documentation that Use of a Pneumatic Controller with a Natural Gas Bleed Rate Greater than 6 Standard Cubic Feet per Hour is required *

(\$60.5420a(b) (5) (ii))" "Reasons Why *

(\$60.5420a(b) (5) (ii))" "Records of deviations where the pneumatic controller was not operated in compliance with requirements*

(\$60.5420a(b) (5) (iii) and \$60.5420a(c) (4) (v))"

XML Tag: ControllerId ControllerConstruct ConstructMonth ConstructYear CtrlBleedRateDesc CtrlBleedRateReason ControllerDeviation

e.g.: Controller 12A e.g.: modified e.g.: February e.g.: 2017 e.g.: Controller has a bleed rate of 8 scfh. e.g.: safety bypass controller requires use of a high-bleed controller e.g.: Controller was not tagged with month and year of installation.

110070131970 1 Controllers 1-5 modified September 2016 NA NA no deviations

110070131953 BOGGS 1 Boggs Flare modified January 2017

110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 1	Constructed	November	
110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 2	Constructed	November	
110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 3	Constructed	November	
110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 4	Constructed	November	
110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 5	Constructed	November	
110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 6	Constructed	November	
110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 7	Constructed	November	
110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 8	Constructed	November	
110070131986 2016	NA	Blaha-Dilworth A Pad NA	Controller 9	Constructed	November	
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 1	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 2	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 3	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 4	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 5	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 6	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 7	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 8	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch A Pad NA	Controller 9	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch B Pad NA	Controller 1	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch B Pad NA	Controller 2	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch B Pad NA	Controller 3	Constructed	November	2016
110070131986 NA	NA	Cooke Ranch B Pad NA	Controller 4	Constructed	November	2016
110070131986 NA	NA	Franklin D Pad	Controller 1	Constructed	January	2017 NA
110070131986 NA	NA	Franklin D Pad	Controller 2	Constructed	January	2017 NA
110070131986 NA	NA	Franklin D Pad	Controller 3	Constructed	January	2017 NA

110070131986 NA NA	Franklin D Pad	Controller 4	Constructed	January	2017	NA
110070131986 NA NA	Franklin D Pad	Controller 5	Constructed	January	2017	NA
110070131986 NA NA	Franklin D Pad	Controller 6	Constructed	January	2017	NA
110070131986 NA NA	Franklin D Pad	Controller 7	Constructed	January	2017	NA
110070131986 NA NA	Franklin D Pad	Controller 8	Constructed	January	2017	NA
110070131986 NA NA	Franklin D Pad	Controller 9	Constructed	January	2017	NA
110070131986 NA NA NA	Franklin D Pad	Controller 10	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 11	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 12	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 13	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 14	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 15	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 16	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 17	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 18	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 19	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 20	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 21	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 22	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 23	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 24	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 25	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 26	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 27	Constructed	January	2017	
110070131986 NA NA NA	Franklin D Pad	Controller 28	Constructed	January	2017	

110070131986 NA NA NA	Franklin D Pad	Controller 29	Constructed	January	2017		
110070131986 NA NA NA	Franklin D Pad	Controller 30	Constructed	January	2017		
110070131986 NA NA NA	Franklin D Pad	Controller 31	Constructed	January	2017		
110070131986 NA NA NA	Franklin D Pad	Controller 32	Constructed	January	2017		
110070131986 NA NA NA	Franklin D Pad	Controller 33	Constructed	January	2017		
110070131986 NA	Powers J Pad	Controller 1	Constructed	May	2017	NA	NA
110070131986 NA	Powers J Pad	Controller 2	Constructed	May	2017	NA	NA
110070131986 NA	Powers J Pad	Controller 3	Constructed	May	2017	NA	NA
110070131986 NA	Powers J Pad	Controller 4	Constructed	May	2017	NA	NA
110070131986 NA	Powers J Pad	Controller 5	Constructed	May	2017	NA	NA
110070131986 NA	Powers J Pad	Controller 6	Constructed	May	2017	NA	NA
110070131986 NA	Powers J Pad	Controller 7	Constructed	May	2017	NA	NA
110070131986 NA NA	STS D Pad	Controller 1	Constructed	February	2017	NA	
110070131986 NA NA	STS D Pad	Controller 2	Constructed	February	2017	NA	
110070131986 NA NA	STS D Pad	Controller 3	Constructed	February	2017	NA	
110070131986 NA NA	STS D Pad	Controller 4	Constructed	February	2017	NA	
110070131986 NA NA	STS D Pad	Controller 5	Constructed	February	2017	NA	
110070131986 NA NA	STS D Pad	Controller 6	Constructed	February	2017	NA	
110070131986 NA NA	STS D Pad	Controller 7	Constructed	February	2017	NA	
110070131986 NA NA	STS D Pad	Controller 8	Constructed	February	2017	NA	
110070131986 NA NA	STS D Pad	Controller 9	Constructed	February	2017	NA	
110070131986 NA	STS I Pad	Controller 1	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 2	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 3	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 4	Constructed	July	2017	NA	NA

110070131986 NA	STS I Pad	Controller 5	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 6	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 7	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 8	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 9	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 10	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 11	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 12	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 13	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 14	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 15	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 16	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 17	Constructed	July	2017	NA	NA
110070131986 NA	STS I Pad	Controller 18	Constructed	July	2017	NA	NA

"DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION
FOR INTERNAL USE ONLY"

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)

CitationID 60.5420a(b)

Template Version v. 1.00

Last Updated Date

"40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

"

"For each storage vessel affected facility, an owner or operator must include the information specified in paragraphs (b)(6)(i) through (vii) of this section in all annual reports: "

The asterisk (*) next to each field indicates that the corresponding field is required.

"Storage Vessels Constructed, Modified, Reconstructed or Returned to Service During Reporting Period that Comply with §60.5395a(a)(2) with a Control Device Tested Under § 60.5413a(d) "

"Facility Record No. *

(Select from dropdown list - may need to scroll up)" "Storage Vessel ID *

(\$60.5420a(b)(1)(ii) and \$60.5420a(b)(6)(i))" "Was the storage vessel constructed, modified or reconstructed during the reporting period? *

(\$60.5420a(b)(6)(i))" Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (\$60.5420a(b)(6)(i)) "Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) *

(\$60.5420a(b)(6)(i))" "If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to \$60.5365a(e).* (\$60.5420a(b)(6)(ii))" Records of deviations where the storage vessel was not operated in compliance with requirements * (\$60.5420a(b)(6)(iii) and \$60.5420a(c)(5)(iii)) "Have you met the requirements specified in \$60.5410a(h)(2) and (3)?*

(\$60.5420a(b)(6)(iv))" "Removed from service during the reporting period? *

(\$60.5420a(b)(6)(v))" "If removed from service, the date removed from service. *

(\$60.5420a(b)(6)(v))" "Returned to service during the reporting period? *

(\$60.5420a(b)(6)(vi))" "If returned to service, the date returned to service. *

(\$60.5420a(b)(6)(vii))" "Make of Purchased Device *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(A))" "Model of Purchased Device *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(A))" Serial Number of Purchased Device * (\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(A)) "Date of Purchase *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(B))" "Copy of Purchase Order *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(C))" Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(D)) "Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(D))" Inlet Gas Flow Rate *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(E)) "Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(F)(1))

Please provide only one file per record." "Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(F)(2))

Please provide only one file per record." "Please provide the file name that contains the Records of Maintenance and Repair Log *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(F)(3))

Please provide only one file per record." "Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(F)(4))

Please provide only one file per record." "Please provide the file name that contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule *

(\$60.5420a(b)(6)(vii) and \$60.5420a(c)(5)(vi)(F)(5))

Please provide only one file per record."

XML Tag:	VesselId	VesselConstruct	VesselLatitude	VesselLongitude
VesselVocRateDesc	VesselDeviation	VesselRequirementFlag	VesselRemoveFlag	
VesselRemoveDate	VesselReturnFlag	VesselReturnDate	SvMake	SvModel
SvSerialId	SvPurchaseDate	SvPurchaseFile	SvLatitude	SvLongitude
SvFlowRate	SvFlameFile	SvEmissionFile	SvMaintFile	SvVisibleFile
SvInstructionFile				

e.g.: Tank 125 e.g.: modified e.g.: 34.12345 e.g.: -101.12345 e.g.: VOC emission rate is 6.5 tpy. See file rate_determination.pdf for more information.

"e.g.: On October 12, 2016, the pilot flame was not functioning on the combustion unit controlling the storage vessel." e.g.: Yes e.g.: Yes e.g.: 11/15/16 e.g.: Yes e.g.: 11/15/16 e.g.: Incinerator Guy e.g.: 400 Combustor e.g.: 123B3D392 e.g.: 12/10/16 e.g.: purchase_order.pdf or XYZCompressorStation.pdf e.g.: 34.12340 e.g.: -101.12340 e.g.: 3000 scfh e.g.: pilotflame.pdf or XYZCompressorStation.pdf e.g.: noemissions.pdf or XYZCompressorStation.pdf e.g.: maintainlog.pdf or XYZCompressorStation.pdf e.g.: emistest.pdf or XYZCompressorStation.pdf e.g.: manufinsruct.pdf or XYZCompressorStation.pdf

110070131947	1	Antero	No	47.61748	-102.70491	VOC emission rate is
54.32 tpy - AnteroTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A Steffes Corp SHC-6 From yard inventory 47.6178 -102.70607 3.0 MMSCFD steffesflaremanual.pdf
110070131947	2	Bross	No	47.61733	-102.74964	VOC emission rate is
149.42 tpy - BrossTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A "Zeeco, Inc." MJAG-3 MJAG-3 MJAG-3-50 23575-010 9/25/2014 zeecopol40925.pdf 47.6176 -102.74876 12.0 MMSCF
110070131947	3	Diente	No	47.58716	-102.64521	VOC emission rate is
91.47 tpy - DienteTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A Steffes Corp SHC-6 From yard inventory 47.58713 -102.64675 3.0 MMSCFD steffesflaremanual.pdf
110070131947	4	LaPlata	Yes	47.96388	-102.68894	VOC emission rate is
51.76 tpy - LaPlataTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A Steffes Corp SHC-6 SCHC0357 6/7/2016 laplataflareinvoice.pdf 47.96478 -102.68855 3.0 MMSCFD steffesflaremanual.pdf
110070131947	5	Pikes - Ouray	No	47.96365	-102.62518	VOC emission rate is
184.21 tpy - Pikes-OurayTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A "Zeeco, Inc." MJAG-3 MJAG-3-30 25156-007 6/1/2016 pikes-ourayflareinvoice.pdf 47.96361 -102.62653 6.0 MMSCFD zeeco30ftflaremanual.pdf
110070131947	6	San Luis - Alamosito	No	47.62092	-102.73434	VOC emission rate is
187.32 tpy - SanLuis-AlamositoTanksPTEcalc.pdf				N/A	Yes	N/A N/A "Zeeco, Inc." MJAG-3 MJAG-3 MJAG-3-50 25156-001 9/25/2014 zeecopol40925.pdf 47.62087 -102.73266 12.0 MMSCF
110070131947	7	Sherman	No	47.63286	-102.69038	VOC emission rate is
82.74 tpy - ShermanTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A "Zeeco, Inc." MJAG-3 MJAG-3 MJAG-3-50 23575-006 9/25/2014 zeecopol40925.pdf 47.63346 -102.6891 12.0 MMSCF
110070131947	8	Sneffels	No	47.58939	-102.62465	VOC emission rate is
107.13 tpy - SneffelsTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A "Zeeco, Inc." MJAG-3 MJAG-3 MJAG-3-50 23575-001 9/25/2014 zeecopol40925.pdf 47.58936 -102.62286 12.0 MMSCF
110070131947	9	Stewart	Yes	47.99136	-102.63607	VOC emission rate is
134.27 tpy - Stewart-VermejoTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A Steffes Corp SHC-6 SCHC0337 8/24/2016 stewartflareinvoice.pdf 47.99063 -102.6365 3.0 MMSCFD steffesflaremanual.pdf
110070131947	10	Sunshine	No	47.61937	-102.74144	VOC emission rate is
141.31 tpy - SunshineTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A "Zeeco, Inc." MJAG-3 MJAG-3 MJAG-3-50 23575-004 9/25/2014 zeecopol40925.pdf 47.6187 -102.74224 12.0 MMSCF
110070131947	11	Tabeguache	No	47.60386	-102.64878	VOC emission rate is
101.25 tpy - TabeguacheTanksPTEcalc.pdf				N/A	Yes	N/A N/A N/A N/A "Zeeco, Inc." MJAG-3 MJAG-3 MJAG-3-50 25156-002 9/25/2014 zeecopol40925.pdf 47.60439 -102.64772 12.0 MMSCF

110070131947	12	Vermejo	Yes	47.99272	-102.63674	VOC emission rate is				
134.27 tpy - Stewart-VermejoTanksPTEcalc.pdf				N/A	Yes	N/A	N/A	N/A	N/A	N/A
"Zeeco, Inc."	MJAG-3	MJAG-3-30		25156-005	2/9/2015	zeecopol50209.pdf				
47.99265	-102.63817	6.0	MMSCFD			zeeco30ftflaremanual.pdf				
110070131947	13	Wilson	Yes	47.5889	-102.65546	VOC emission rate is				
51.06 tpy - WilsonTanksPTEcalc.pdf				N/A	Yes	N/A	N/A	N/A	N/A	Steffes
Corp SHC-6	SCHC0215;	SCHC0198		From yard inventory		47.58946	-			
102.65676	3.0	MMSCFD				steffesflaremanual.pdf				
110070131947	14	Windom	Yes	47.58958	-102.60209	VOC emission rate is				
115.26 tpy - WindomTanksPTEcalc.pdf				N/A	Yes	N/A	N/A	N/A	N/A	
"Zeeco, Inc."	MJAG-3	MJAG-3		MJAG-3-50	25156-004	9/25/2014	zeecopol40925.pdf			
47.59028	-102.60126	12.0	MMSCFD							
110070131970	1	Tanks 1-3	modified	41.446126	-110.812089	all tank				
emissions are routed to control device			no deviations	Yes	No	NA	NA	NA		
110070131953	BOGGS 1	Boggs1 C1	modified	38.212891	-82.711892	102.8				
PPM	Yes	No	Westerman	12/3/2016		38.212891				
-82.711892	18	scfh	Dailyreport.pdf	Etest_t1.pdf						
110070131953	BOGGS 1	Boggs1 C2	modified	38.212891	-82.711892	161.3				
PPM	Yes	No	Westerman	12/3/2016		38.212891				
-82.711892	18	scfh	Dailyreport.pdf	Etest_t2.pdf						
110070131953	BOGGS 1	Boggs1 W1	modified	38.212891	-82.711892	187.7				
PPM	Yes	No	Westerman	12/3/2016		38.212891				
-82.711892	18	scfh	Dailyreport.pdf	Etest_t3.pdf						
110070131963	MK063	Paulson East Tank Battery		Yes	47.949320	-103.932653				
"18.99 tpy, see file_Paulson East_calc sheet"				Yes	No	Steffes				
SCG-3	na	na	na	47.949320	-103.932653	106 mcf/d	Paulson East Pad-LP			
Flare.pdf										
110070131963	MK509	Richard-Cheryl West Tank Battery		Yes	47.994232	-				
103.255289	"96.29 tpy, see file_Richard Cheryl West_calc sheet"			Yes	No	Steffes				
Steffes	SCG-3	na	na	na	47.994232	-103.255289	106 mcf/d	na		
110070131963	MK510	Skarston Central Tank Battery		Yes	48.023423	-				
103.292888	"72.69 tpy, see file_Skarston Central_calc sheet"			Yes	No	Steffes				
Zeeco	na	na	na	na	48.023423	-103.292888	300 mcf/d	na		
110070131963	MK517	Sax-Jay East Tank Battery		Yes	48.052124	-103.219315				
"20.67 tpy, see file_Sax-Jay East_calc sheet"				Yes	No	Steffes				
SCG-3	na	na	na	48.052124	-103.219315	106 mcf/d	Sax-Jay East LP			
FLare.pdf										
110070131963	MK519	Roscoe East Tank Battery		Yes	47.994436	-103.241944				
"48.61 tpy, see file_Roscoe East_calc sheet"				Yes	No	Steffes				
SCG-3	na	na	na	47.994436	-103.241944	106 mcf/d	na			
110070131963	MN019	Panzer South Tank Battery		Yes	48.228895	-102.502486				
"38.52 tpy, see file_Panzer South_calc sheet"				Yes	No	Steffes				
SCG-3	na	na	na	48.228895	-102.502486	106 mcf/d	Panzer South LP			
Flare.pdf										
110070131963	MN022	Vachal East Tank Battery		Yes	48.270341	-102.617221				
"81.71 tpy, see file_Vachal East_calc sheet"				Yes	No	Steffes				
SCG-3	na	na	na	48.270341	-102.617221	106 mcf/d	na			
110070131963	MN024	Vachal West Tank Battery		Yes	48.270087	-102.628298				
"58.72 tpy, see file_Vachal West_calc sheet"				Yes	No	Steffes				
SCG-3	na	na	na	48.270087	-102.628298	106 mcf/d	na			
110070131963	MN071	Bures-Charlie Sorenson West Tank Battery		Yes	48.239595	-				
-102.667961	"68.12 tpy, see file_Charlie Sorenson West_calc sheet"			Yes	No	Steffes				
Steffes	SCG-3	na	na	na	48.239595	-102.667961	106 mcf/d	Charlie		
Soreson West LP	FLare.pdf									
110070131963	WL061	Heen-Smith Farm West Tank Battery		Yes	48.225728	-				
103.636967	"43.24 tpy, see file_Heen Smith Farm West_calc sheet"			Yes	No	Steffes				

Steffes	SCG-3	na	na	na	48.225728	-103.636967	106 mcf/d	Heen-
Smith Farm West_LP FlareL.pdf								
110070131963	WL076	Jack-Ruth	East Tank Battery	Yes	48.314320	-103.542664		
"69.09 tpy, see file_Jack Ruth East_calc sheet"								
na	na	na	na	48.314320	-103.542664	300 mcf/d	na	Zeeco
110070131963	WL080	Judy 2H	Tank Battery	Yes	48.312967	-103.534089		
"9.21 tpy, see file_Judy 2H_calc sheet"								
3	na	na	na	48.312967	-103.534089	106 mcf/d	Judy 2H LP Flare.pdf	Steffes SCG-
110070131963	WL124	Jack Ruth	West Tank Battery	Yes	48.312749	-103.553721		
"56.38 tpy, see file_Jack Ruth West_calc sheet"								
na	na	na	na	48.312749	-103.553721	300 mcf/d	na	Zeeco
110070131963	WL127	Irgens	Southwest Tank Battery	Yes	48.286009	-		
"16.96 tpy, see file_Irgens Southwest_calc sheet"								
103.533180	Steffes	SCG-3	na	na	na	48.286009	-103.533180	106 mcf/d Irgens
Southwest LP flare.pdf								
110070131986	Franklin D Pad	Franklin D	Tank Battery	Constructed	28.385636			
-98.52606 C150_MC016-P-RA-0001 RA.pdf								
Unknown	Unknown	Not available	Not available	Not available	28.385636			-
98.526062 10000 scf/day none.pdf none.pdf none.pdf none.pdf none.pdf								

"DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION

FOR INTERNAL USE ONLY"

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)

CitationID 60.5420a(b)

Template Version v. 1.00

Last Updated Date

"40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

"

"For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, an owner or operator must include the records of each monitoring survey including the information specified in paragraphs (b)(7)(i) through (xii) of this section in all annual reports: "

The asterisk (*) next to each field indicates that the corresponding field is required.

OGI Compressor Station Affected Facility Only

"Facility Record No. *

(Select from dropdown list - may need to scroll up)" Identification of Each Affected Facility * (\$60.5420a(b)(1)) Date of Survey * (\$60.5420a(b)(7)(i)) Survey Begin Time * (\$60.5420a(b)(7)(ii)) Survey End Time * (\$60.5420a(b)(7)(ii)) Name of Surveyor * (\$60.5420a(b)(7)(iii)) Ambient Temperature During Survey * (\$60.5420a(b)(7)(iv)) Sky Conditions During Survey * (\$60.5420a(b)(7)(iv)) Maximum Wind Speed During Survey * (\$60.5420a(b)(7)(iv)) Monitoring Instrument Used * (\$60.5420a(b)(7)(v)) "Deviations From Monitoring Plan (If none, state none.) * (\$60.5420a(b)(7)(vi)) " Type of Component for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii)) "Number of Each Component Type for which Fugitive Emissions Detected *

(\$60.5420a(b)(7)(vii)) " Type of Component Not Repaired as Required in §60.5397a(h) * (\$60.5420a(b)(7)(viii)) Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (\$60.5420a(b)(7)(viii)) Type of Difficult-to-Monitor Components Monitored * (\$60.5420a(b)(7)(ix)) Number of Each Difficult-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(ix)) Type of Unsafe-to-Monitor Component

Monitored * (\$60.5420a(b)(7)(ix)) Number of Each Unsafe-to-Monitor Component Type
Monitored * (\$60.5420a(b)(7)(ix)) "Date of Successful Repair of Fugitive Emissions
Component *

(\$60.5420a(b)(7)(x)) " Type of Component Placed on Delay of Repair *
(\$60.5420a(b)(7)(xi)) Number of Each Component Type Placed on Delay of Repair *
(\$60.5420a(b)(7)(xi)) Explanation for Delay of Repair * (\$60.5420a(b)(7)(xi))
"Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original
Survey *

(\$60.5420a(b)(7)(xii)) " Training and Experience of Surveyor *
(\$60.5420a(b)(7)(iii)) "Was a monitoring survey waived under § 60.5397a(g)(5)? *

(\$60.5420a(b)(7))" "If a monitoring survey was waived, the calendar months that make
up the quarterly monitoring period for which the monitoring survey was waived. *

(\$60.5420a(b)(7))"

XML Tag:	FacId	SurveyDate	SurveyStartTime	SurveyEndTime	SurverorName
AmbientTemp	SkyCondition	MaxWindSpeed	MonitoringInstrument	PlanDeviation	
FugitiveType	FugitiveNum	NotRepairedType	NotRepairedNum	DifficultType	
DifficultNum	UnsafeType	UnsafeNum	RepairDate	RepairType	RepairNum
RepairExplanation	ResurveyInstrumentType	SurveyorExperience	SurveyWaivedFlag		
SurveyWaivedMonths					

e.g.: Well Site ABC e.g.: 8/13/17 e.g.: 10:00 am e.g.: 1:00 pm e.g.: John
Smith e.g.: 90°F "e.g.: Sunny, no clouds" e.g.: 2 mph e.g.: Company ABC
optical gas imaging camera e.g.: None e.g.: Valve e.g.: 3 e.g.: Valve
e.g.: 1 e.g.: Valve e.g.: 1 e.g.:Valve e.g.: 1 e.g.: 11/10/16 e.g.:
Valve e.g.: 1 e.g.: Unsafe to repair until next shutdown e.g.: Company ABC
optical gas imaging camera e.g.: Trained thermographer; completed 40-hour course at
XYZ Training Center. Has 10 years of experience with OGI surveys. e.g.: Yes e.g.:
January; February; and March

110070126879 27 Well Site - Central Tank Battery 16S 4/18/2017 01:18 PM
01:58 PM " Daniel Wood, Kurt Benson" 76 Mostly Clear 12 FLIR GFx320
74900109 None Thief Hatch 1 4/18/2017
FLIR GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
months experience.

110070126879 27 Well Site - Central Tank Battery 16S 4/18/2017 01:18 PM
01:58 PM " Daniel Wood, Kurt Benson" 76 Mostly Clear 12 FLIR GFx320
74900109 None Thief Hatch 1 4/18/2017
FLIR GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
months experience.

110070126879 27 Well Site - Central Tank Battery 16S 4/18/2017 01:18 PM
01:58 PM " Daniel Wood, Kurt Benson" 76 Mostly Clear 12 FLIR GFx320
74900109 None Thief Hatch 1 4/18/2017
FLIR GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
months experience.

110070126879 27 Well Site - Central Tank Battery 16S 4/18/2017 01:18 PM
01:58 PM " Daniel Wood, Kurt Benson" 76 Mostly Clear 12 FLIR GFx320
74900109 None Connector 1 4/18/2017
FLIR GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
months experience.

110070126879 25 Well Site - Well Pad 5-11-820 4/18/2017 12:31 PM 12:57
PM " Daniel Wood, Kurt Benson" 72 Clear 8 FLIR GFx320 74900109 None
Thief Hatch 1 4/18/2017 FLIR GFx320
74900109 Infrared training center certified thermographer; Has 1 year 10 months
experience.

110070126879 25 Well Site - Well Pad 5-11-820 4/18/2017 12:31 PM 12:57
 PM " Daniel Wood, Kurt Benson" 72 Clear 8 FLIR GFx320 74900109 None
 Connector 1 4/18/2017 Removed from Service
 Infrared training center certified thermographer; Has 1 year 10 months experience.

110070126879 25 Well Site - Well Pad 5-11-820 4/18/2017 12:31 PM 12:57
 PM " Daniel Wood, Kurt Benson" 72 Clear 8 FLIR GFx320 74900109 None
 Connector 1 4/18/2017 FLIR GFx320 74900109
 Infrared training center certified thermographer; Has 1 year 10 months experience.

110070126879 25 Well Site - Well Pad 5-11-820 4/18/2017 12:31 PM 12:57
 PM " Daniel Wood, Kurt Benson" 72 Clear 8 FLIR GFx320 74900109 None
 Connector 1 4/18/2017 FLIR GFx320 74900109
 Infrared training center certified thermographer; Has 1 year 10 months experience.

110070126879 26 Well Site - Central Tank Battery N33 4/18/2017 11:25 AM
 12:19 PM " Daniel Wood, Kurt Benson" 71 Mostly Clear 9 FLIR GFx320
 74900109 None Thief Hatch 1 4/18/2017
 FLIR GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
 months experience.

110070126879 26 Well Site - Central Tank Battery N33 4/18/2017 11:25 AM
 12:19 PM " Daniel Wood, Kurt Benson" 71 Mostly Clear 9 FLIR GFx320
 74900109 None Thief Hatch 1 4/18/2017
 FLIR GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
 months experience.

110070126879 26 Well Site - Central Tank Battery N33 4/18/2017 11:25 AM
 12:19 PM " Daniel Wood, Kurt Benson" 71 Mostly Clear 9 FLIR GFx320
 74900109 None Connector 1 4/18/2017
 FLIR GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
 months experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
 AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
 None Thief Hatch 1 4/18/2017 FLIR
 GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
 months experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
 AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
 None Connector 1 4/18/2017 FLIR GFx320
 74900109 Infrared training center certified thermographer; Has 1 year 10 months
 experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
 AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
 None Thief Hatch 1 4/18/2017 FLIR
 GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
 months experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
 AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
 None Connector 1 4/18/2017 FLIR GFx320
 74900109 Infrared training center certified thermographer; Has 1 year 10 months
 experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
 AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
 None Connector 1 4/18/2017 FLIR GFx320
 74900109 Infrared training center certified thermographer; Has 1 year 10 months
 experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
 AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
 None Connector 1 4/18/2017 FLIR GFx320
 74900109 Infrared training center certified thermographer; Has 1 year 10 months
 experience.

AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
None Connector 1 4/18/2017 FLIR GFx320
74900109 Infrared training center certified thermographer; Has 1 year 10 months
experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
None Connector 1 5/11/2017 Removed from
Service Infrared training center certified thermographer; Has 1 year 10 months
experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
None Thief Hatch 1 4/18/2017 FLIR
GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
months experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
None Thief Hatch 1 4/18/2017 FLIR
GFx320 74900109 Infrared training center certified thermographer; Has 1 year 10
months experience.

110070126879 24 Well Site - Well Pad 3-33-820 4/18/2017 09:41 AM 11:12
AM " Daniel Wood, Kurt Benson" 60 Mostly Clear 7 FLIR GFx320 74900109
None Connector 1 4/18/2017 FLIR GFx320
74900109 Infrared training center certified thermographer; Has 1 year 10 months
experience.

110007202446 13 McAllen Ranch CPF 9/12/2017 15:48 17:20 Russell Hamm
97 Clear 6.2 "FLIR GF Series Camera-

GF 320" None Level Controller 1 None N/A None N/A None N/A
9/13/2017 None N/A N/A N/A Level 1 Thermographer- ITC-OGI Certified
N/A N/A

110007202446 13 McAllen Ranch CPF 9/12/2017 15:48 17:20 Russell Hamm
97 Clear 6.2 "FLIR GF Series Camera-

GF 320" None Regulator 1 None N/A None N/A None N/A
9/13/2017 None N/A N/A N/A Level 1 Thermographer- ITC-OGI Certified
N/A N/A

110007206353 McAllen Ranch Manifold # 5 Facility 9/12/2017 17:38 18:31
Russell Hamm 97.3 Clear 3.2 "FLIR GF Series Camera-

GF 320" None None N/A None N/A None N/A None N/A
None N/A N/A N/A Level 1 Thermographer- ITC-OGI Certified N/A N/A

110034200736 East McCook Central Facility 9/12/2017 12:03 13:07:00
Russell Hamm 87.8 Clear 4.7 "FLIR GF Series Camera-

GF 320" None Regulator 2 None N/A None N/A None N/A
9/12/2017 None N/A N/A N/A Level 1 Thermographer- ITC-OGI Certified
N/A N/A

110034200736 East McCook Central Facility 9/12/2017 12:03 13:07:00
Russell Hamm 87.8 Clear 4.7 "FLIR GF Series Camera-

GF 320" None Level Controller 1 None N/A None N/A None N/A
9/12/2017 None N/A N/A N/A Level 1 Thermographer- ITC-OGI Certified
N/A N/A

110034216774 Javelina Facility 9/12/2017 13:17 14:58 Russell Hamm
92.2 Clear 7.6 "FLIR GF Series Camera-

GF 320" None Level Controller 1 None N/A None N/A None N/A
9/13/2017 None N/A N/A N/A Level 1 Thermographer- ITC-OGI Certified
N/A N/A

110034216774 Javelina Facility 9/12/2017 13:17 14:58 Russell Hamm
92.2 Clear 7.6 "FLIR GF Series Camera-

GF 320"	None	Fitting	1	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110033243577		Bentsen Central Compression Facility			9/13/2017	9:50	10:58		
Russell Hamm	86.2	Clear	9.7	"FLIR GF Series Camera-					
GF 320"	None	Level Controller	1	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110033243577		Bentsen Central Compression Facility			9/13/2017	9:50	10:58		
Russell Hamm	86.2	Clear	9.7	"FLIR GF Series Camera-					
GF 320"	None	Fitting	1	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110034221090		El Ebanito Facility			9/13/2017	7:55	10:58	Russell Hamm	
73.5	Clear	3.7	"FLIR GF Series Camera-						
GF 320"	None	Fitting	1	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110034221090		El Ebanito Facility			9/13/2017	7:55	10:58	Russell Hamm	
73.5	Clear	3.7	"FLIR GF Series Camera-						
GF 320"	None	Level Controller	4	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110034221090		El Ebanito Facility			9/13/2017	7:55	10:58	Russell Hamm	
73.5	Clear	3.7	"FLIR GF Series Camera-						
GF 320"	None	Motor Valve	1	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110034221090		El Ebanito Facility			9/13/2017	7:55	10:58	Russell Hamm	
73.5	Clear	3.7	"FLIR GF Series Camera-						
GF 320"	None	Supply Valve	1	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110034277690		Pharr No. 26 Facility			9/12/2017	7:20	8:46	Russell Hamm	
70.5	Clear	2.3	"FLIR GF Series Camera-						
GF 320"	None	Control Valves	2	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110034277690		Pharr No. 26 Facility			9/12/2017	7:20	8:46	Russell Hamm	
70.5	Clear	2.3	"FLIR GF Series Camera-						
GF 320"	None	Level Controller	1	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								
110034277690		Pharr No. 26 Facility			9/12/2017	7:20	8:46	Russell Hamm	
70.5	Clear	2.3	"FLIR GF Series Camera-						
GF 320"	None	Double Acting Controller	1	None	N/A	None	N/A	None	N/A
N/A	9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified
Certified	N/A	N/A							
110034877710		Ward Facility			9/12/2017	9:13	11:30	Russell Hamm	79
Clear	5.1	"FLIR GF Series Camera-							
GF 320"	None	Level Controller	1	None	N/A	None	N/A	None	N/A
9/13/2017	None	N/A	N/A	N/A	Level 1	Thermographer-	ITC-OGI	Certified	
N/A	N/A								

(Merit 10/27) Regulator 1 None
N/A None N/A None N/A 9/13/2017 None N/A N/A N/A Level 1
Thermographer- ITC-OGI Certified N/A N/A

(Merit 10/27) Motor Controller 1
None N/A None N/A None N/A Motor Controller 1 Engine
shutdown is required to repair leak. Will be repaired or replaced during the next
shutdown. Not repaired yet Level 1 Thermographer- ITC-OGI Certified N/A
N/A

(Merit 10/27) Fitting (ESD Shutdown) 1
1 None N/A None N/A None N/A Fitting (ESD Shutdown) 1
Engine shutdown is required to repair leak. Will be repaired or replaced during the
next shutdown. Not repaired yet Level 1 Thermographer- ITC-OGI Certified N/A
N/A

(Merit 10/27) Valve (Comp Blowdown) 1
None N/A None N/A None N/A Valve (Comp Blowdown) 1 Engine
shutdown is required to repair leak. Will be repaired or replaced during the next
shutdown. Not repaired yet Level 1 Thermographer- ITC-OGI Certified N/A
N/A

110070131923 Wefler N U1H Wefler 4/13/2017 12:27 13:30 John Hall
65 F Clear 7 mph OGI camera None None 0 None 0 0 0 0
0 NA None 0 NA OGI camera Trained consultant with Tryhydro with 5
years of experience No NA

110070131923 Wefler N U2H Wefler 4/13/2017 12:27 13:30 John Hall
65 F Clear 7 mph OGI camera None None 0 None 0 0 0 0
0 NA None 0 NA OGI camera Trained consultant with Tryhydro with 5
years of experience No NA

110070131923 Wefler N U3H Wefler 4/13/2017 12:27 13:30 John Hall
65 F Clear 7 mph OGI camera None Swag lock fitting 1 None 0
0 0 0 4/13/2017 None 0 NA OGI camera Trained consultant
with Tryhydro with 5 years of experience No NA

110070131923 Wefler S U4H Wefler 4/13/2017 12:27 13:30 John Hall
65 F Clear 7 mph OGI camera None None 0 None 0 0 0 0
0 NA None 0 NA OGI camera Trained consultant with Tryhydro with 5
years of experience No NA

110067351163 Eisenbarth U4H Eisenbarth 4/17/2017 13:40 14:20 John
Hall 75 F Clear 3 mph OGI camera None Regulator - PRV-200 body
leaking 1 None 0 0 0 0 0 4/18/2017 None 0 NA OGI
camera Trained consultant with Tryhydro with 5 years of experience No NA

110070131885 1 D&N Dehy 4/20/2017 7:30 AM 5:00 PM Gordy Guillen 72
Clear and sunny 17 mph TVA 1000B None Valve 0 Valve 0 Valve
0 Valve 0 N/A Valve 0 N/A N/A N/A N/A

110070131885 1 D&N Dehy 4/20/2017 7:30 AM 5:00 PM Gordy Guillen 72
Clear and sunny 17 mph TVA 1000B None Connector 0 Connector 0
Connector 0 Connector 0 N/A Connector 0 N/A N/A N/A N/A
N/A

110070131885 1 D&N Dehy 4/20/2017 7:30 AM 5:00 PM Gordy Guillen 72
Clear and sunny 17 mph TVA 1000B None Pressure Relief Device 0
Pressure Relief Device 0 Pressure Relief Device 0 Pressure Relief Device
0 N/A Pressure Relief Device 0 N/A N/A N/A N/A

110070131885 1 D&N Dehy 4/20/2017 7:30 AM 5:00 PM Gordy Guillen 72
Clear and sunny 17 mph TVA 1000B None Open-Ended Line 0 Open-Ended
Line 0 Open-Ended Line 0 N/A Open-Ended Line
0 N/A N/A N/A N/A N/A

110070131885 1 D&N Dehy 4/20/2017 7:30 AM 5:00 PM Gordy Guillen 72
Clear and sunny 17 mph TVA 1000B None Flange 0 Flange 0 Flange
0 Flange 0 N/A Flange 0 N/A N/A N/A N/A

110070131885 1 D&N Dehy 4/20/2017 7:30 AM 5:00 PM Gordy Guillen 72

Clear and sunny	17 mph	TVA	1000B	None	Compressor	0	Compressor	0	Compressor	0
Compressor	0	Compressor	0	N/A	Compressor	0	N/A	N/A	N/A	N/A
N/A	N/A									
110070131885	1	D&N Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Instrument	0	Instrument	0	Instrument	0
Instrument	0	Instrument	0	N/A	Instrument	0	N/A	N/A	N/A	N/A
N/A	N/A									
110070131885	1	D&N Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Meter	0	Meter	0	Meter	0
0	Meter	0	N/A	Meter	0	N/A	N/A	N/A	N/A	N/A
110070131885	1	D&N Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Other	0	Other	0	Other	0
0	Other	0	N/A	Other	0	N/A	N/A	N/A	N/A	N/A
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Valve	0	Valve	0	Valve	0
0	Valve	0	N/A	Valve	0	N/A	N/A	N/A	N/A	N/A
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Connector	0	Connector	0	Connector	0
Connector	0	Connector	0	N/A	Connector	0	N/A	N/A	N/A	N/A
N/A										
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Pressure Relief Device	2	Pressure Relief Device	0	Pressure Relief Device	0
Pressure Relief Device	0	Pressure Relief Device	0	N/A	Pressure Relief Device	0	N/A	TVA 1000B	N/A	N/A
0	4/24/2017	Pressure Relief Device	0	N/A						
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Open-Ended Line	0	Open-Ended Line	0	Open-Ended Line	0
Line	0	Open-Ended Line	0	N/A	Open-Ended Line	0	N/A	Open-Ended Line	0	Open-Ended Line
0	N/A	N/A	N/A	N/A	N/A					
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Flange	0	Flange	0	Flange	0
0	Flange	0	N/A	Flange	0	N/A	N/A	N/A	N/A	N/A
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Compressor	0	Compressor	0	Compressor	0
Compressor	0	Compressor	0	N/A	Compressor	0	N/A	N/A	N/A	N/A
N/A	N/A									
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Instrument	0	Instrument	0	Instrument	0
Instrument	0	Instrument	0	N/A	Instrument	0	N/A	N/A	N/A	N/A
N/A	N/A									
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Meter	0	Meter	0	Meter	0
0	Meter	0	N/A	Meter	0	N/A	N/A	N/A	N/A	N/A
110070131885	1	RBU Dehy	4/20/2017	7:30 AM	5:00 PM	Gordy Guillen	72			
Clear and sunny	17 mph	TVA	1000B	None	Other	0	Other	0	Other	0
0	Other	0	N/A	Other	0	N/A	N/A	N/A	N/A	N/A
110070131885	1	C Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen	72			
Clear and sunny	12 mph	TVA	1000B	None	Valve	0	Valve	0	Valve	0
Valve	0	Valve	0	N/A	Valve	0	N/A	N/A	N/A	N/A
110070131885	1	C Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen	72			
Clear and sunny	12 mph	TVA	1000B	None	Connector	0	Connector	0	Connector	0
0	Connector	0	Connector	0	N/A	Connector	0	N/A	N/A	N/A
N/A	N/A									
110070131885	1	C Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen	72			
Clear and sunny	12 mph	TVA	1000B	None	Pressure Relief Device	0	Pressure Relief Device	0	Pressure Relief Device	0
Pressure Relief Device	0	Pressure Relief Device	0	N/A	Pressure Relief Device	0	N/A	N/A	N/A	N/A
0	N/A	Pressure Relief Device	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

110070131885	1	C	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Open-Ended Line	0	Open-Ended Line
0	Open-Ended Line	0	Open-Ended Line	0	Open-Ended Line	0	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	Open-Ended Line
110070131885	1	C	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Flange	0	Flange
0	Flange	0	N/A	Flange	0	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	C	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Compressor	0	Compressor
0	Compressor	0	Compressor	0	N/A	Compressor	0
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	C	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Instrument	0	Instrument
0	Instrument	0	Instrument	0	N/A	Instrument	0
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	C	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Meter	0	Meter
0	Meter	0	N/A	Meter	0	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	C	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Other	0	Other
0	Other	0	N/A	Other	0	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Valve	0	Valve
0	Valve	0	N/A	Valve	0	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Connector	0	Connector
0	Connector	0	Connector	0	N/A	Connector	0
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Pressure Relief Device	1	Pressure Relief Device
0	Pressure Relief Device	0	Pressure Relief Device	0	Pressure Relief Device	0	Pressure Relief Device
0	4/24/2017	Pressure Relief Device	0	N/A	TVA 1000B	N/A	N/A
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Open-Ended Line	0	Open-Ended Line
0	Open-Ended Line	0	Open-Ended Line	0	Open-Ended Line	0	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	Open-Ended Line
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Flange	0	Flange
0	Flange	0	N/A	Flange	0	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Compressor	0	Compressor
0	Compressor	0	Compressor	0	N/A	Compressor	0
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Instrument	0	Instrument
0	Instrument	0	Instrument	0	N/A	Instrument	0
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Meter	0	Meter
0	Meter	0	N/A	Meter	0	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131885	1	D	Block Dehy	4/19/2017	9:30 AM	6:00 PM	Gordy Guillen
72	Clear and sunny	12 mph	TVA 1000B	None	Other	0	Other
0	Other	0	N/A	Other	0	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110070131947	1		Handies	5/24/2017	12:15 p.m.	12:30 p.m.	Julia Traster
72°F	Clear	14 mph	FLIR 300 OGI camera	None	Thief hatch	1	N/A
0	N/A	N/A	N/A	5/26/2017	N/A	N/A	FLIR 300 OGI

camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 2 Vermejo 7/17/2017 14:47 p.m. 15:10 p.m. Julia Traster
80°F Clear 10 mph FLIR 300 OGI camera None PR Valve 1 N/A N/A
N/A N/A N/A N/A 7/19/2017 N/A N/A N/A FLIR 300 OGI camera
"Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 3 Oklahoma 6/20/2017 12:15 p.m. 12:30 p.m. Julia Traster
75°F Cloudy 3 mph FLIR 300 OGI camera None Thief hatch 9 N/A
N/A N/A N/A N/A N/A 6/27/2017 N/A N/A N/A FLIR 300 OGI
camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 4 La Plata 6/21/2017 15:00 p.m. 15:20 p.m. Julia Traster
74°F Clear 11 mph FLIR 300 OGI camera None Thief hatch 4 N/A
N/A N/A N/A N/A N/A 6/23/2017 N/A N/A N/A FLIR 300 OGI
camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 5 Windom 6/20/2017 11:49 a.m. 12:05 p.m. Julia Traster
75°F Cloudy 3 mph FLIR 300 OGI camera None "Thief hatch, PR Valve"
12; 3 N/A N/A N/A N/A N/A N/A 7/10/2017 N/A N/A N/A
FLIR 300 OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 6 Pyramid 6/20/2017 11:19 a.m. 11:40 a.m. Julia Traster
75°F Cloudy 3 mph FLIR 300 OGI camera None PR Valve 3 N/A N/A
N/A N/A N/A N/A 6/22/2017 N/A N/A N/A FLIR 300 OGI camera
"Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 7 Sneffels 7/13/2017 13:02 p.m. 13:20 p.m. Julia Traster
68°F Clear 11 mph FLIR 300 OGI camera None "Thief hatch, PR Valve" 1;
1 N/A N/A N/A N/A N/A N/A 7/18/2017 N/A N/A N/A FLIR
300 OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 8 Bierstadt 6/21/2017 16:10 p.m. 16:30 p.m. Julia
Traster 74°F Clear 11 mph FLIR 300 OGI camera None None 0 N/A
N/A N/A N/A N/A N/A N/A N/A N/A N/A FLIR 300 OGI camera
"Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 9 Bross 7/13/2017 14:28 p.m. 14:40 p.m. Julia Traster
73°F Clear 13 mph FLIR 300 OGI camera None "Thief hatch, PR Valve" 2;
1 N/A N/A N/A N/A N/A N/A 7/18/2017 N/A N/A N/A FLIR
300 OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 10 Pikes-Ouray 7/17/2017 15:21 p.m. 15:41 p.m. Julia
Traster 80°F Clear 10 mph FLIR 300 OGI camera None PR Valve 1
N/A N/A N/A N/A N/A N/A 7/19/2017 N/A N/A N/A FLIR 300
OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 11 San Luis-Alamosito 7/13/2017 13:59 p.m. 14:10 p.m.
Julia Traster 73°F Clear 13 mph FLIR 300 OGI camera None Thief hatch
1 N/A N/A N/A N/A N/A N/A 7/18/2017 N/A N/A N/A FLIR
300 OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 12 Stewart 6/21/2017 15:40 p.m. 16:00 p.m. Julia Traster
74°F Clear 11 mph FLIR 300 OGI camera None PR Valve 1 N/A N/A
N/A N/A N/A N/A 6/23/2017 N/A N/A N/A FLIR 300 OGI camera
"Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 13 Wetterhorn 5/23/2017 15:02 p.m. 15:18 p.m. Julia

Traster 67°F Clear 6 mph FLIR 300 OGI camera None None 0 N/A
N/A N/A N/A N/A N/A N/A N/A N/A N/A FLIR 300 OGI camera
"Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 14 Wilson 7/13/2017 12:16 p.m 12:26 p.m. Julia Traster
66°F Clear 11 mph FLIR 300 OGI camera None PR Valve 1 N/A N/A
N/A N/A N/A N/A 7/17/2017 N/A N/A N/A FLIR 300 OGI camera
"Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 15 Antero 7/13/2017 11:45 a.m. 12:00 p.m. Julia Traster
66°F Clear 11 mph FLIR 300 OGI camera None "Thief hatch, PR Valve" 1;
1 N/A N/A N/A N/A N/A N/A 7/17/2017 N/A N/A N/A FLIR
300 OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 16 Diente 7/13/2017 12:47 p.m. 12:57 p.m. Julia Traster
66°F Clear 11 mph FLIR 300 OGI camera None Thief hatch 3 N/A
N/A N/A N/A N/A N/A 7/18/2017 N/A N/A N/A FLIR 300 OGI
camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 17 Sherman 7/13/2017 13:35 p.m. 13:50 p.m. Julia Traster
71°F Clear 13 mph FLIR 300 OGI camera None "Thief hatch, PR Valve" 3;
1 N/A N/A N/A N/A N/A N/A 7/17/2017 N/A N/A N/A FLIR
300 OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 18 Sunshine 7/13/2017 14:15 p.m. 14:24 p.m. Julia
Traster 73°F Clear 13 mph FLIR 300 OGI camera None Thief hatch 3
N/A N/A N/A N/A N/A N/A 7/18/2017 N/A N/A N/A FLIR 300
OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131947 19 Tabeguache 7/13/2017 12:32 p.m. 12:42 p.m. Julia
Traster 66°F Clear 11 mph FLIR 300 OGI camera None "Thief hatch, PR
Valve" 1; 1 N/A N/A N/A N/A N/A N/A 7/17/2017 N/A N/A
N/A FLIR 300 OGI camera "Trained thermographer, completed 24 hour course at Infrard Training Center. Three years experience with OGI surveys." N/A N/A

110070131946 1 Adrianna-Balbo CTB 6/28/2017 840 905 Oksana Wright
76 clear 7 FLIR GF320 None None None None None n/a n/a
n/a n/a n/a n/a n/a n/a n/a Completed 24-hr FLIR class; has 5 yrs
experience with OGI surveys

110070131946 2 Barbara State 1H 6/27/2017 1112 1135 Oksana Wright
82 clear 0 FLIR GF320 None Thief hatches 6 thief hatch 6 n/a
n/a n/a n/a as of 8/2/17 waiting on parts Thief hatch 6 Waiting on
parts n/a Completed 24-hr FLIR class; has 5 yrs experience with OGI surveys

110070131946 3 Donna State CTB 6/27/2017 710 735 Oksana Wright 72
cloudy 8 FLIR GF320 None Thief hatches 4 n/a n/a n/a n/a
n/a n/a 8/9/2017 n/a n/a n/a FLIR GF320 Completed 24-hr FLIR
class; has 5 yrs experience with OGI surveys

110070131946 4 Ethel 7H 6/27/2017 930 945 Oksana Wright 79
clear 6 FLIR GF320 None Thief hatches 3 n/a n/a n/a n/a
n/a n/a 8/9/2017 n/a n/a n/a FLIR GF320 Completed 24-hr FLIR
class; has 5 yrs experience with OGI surveys

110070131946 5 Faye CTB 6/27/2017 745 815 Oksana Wright 72
clear 8 FLIR GF320 None Thief hatches 11 thief hatch 1 n/a
n/a n/a n/a 8/9/2017 Thief hatch 1 Waiting on parts FLIR GF320
Completed 24-hr FLIR class; has 5 yrs experience with OGI surveys

110070131946 6 Geneva-Joanne CTB 6/27/2017 845 910 Oksana Wright
75 clear 13 FLIR GF320 None Thief hatches 15 thief hatch 4
n/a n/a n/a n/a 8/9/2017 Thief hatch 4 Waiting on parts FLIR
GF320 Completed 24-hr FLIR class; has 5 yrs experience with OGI surveys

110070131946	7	Summit (Sealy Ranch 7901H)	6/29/2017	800	820	Oksana Wright	72	clear	19	FLIR GF320	None	Thief hatches	8	thief hatch		
2	n/a	n/a	n/a	n/a	7/29/2017	Thief hatch	2	Waiting on parts	FLIR GF320	Completed 24-hr FLIR class; has 5 yrs experience with OGI surveys						
110070131967	1	Lenora CS	6/14/2017	8:30 AM	9:00 AM	Greg Stroscher	77 degrees F	"Sunny, no clouds"	12 mph	FLIR GF320	None	Valve	2			
Valve	1	NA	NA	NA	7/10/2017	Valve	1	Replacement Part	leaked	FLIR GF320	Infrared Training Center's	FLIR Optical Gas Imaging	Certification	No		
110070131967	1	Lenora CS	6/14/2017	8:30 AM	9:00 AM	Greg Stroscher	77 degrees F	"Sunny, no clouds"	12 mph	FLIR GF320	None	Connector	1			
NA	NA	NA	NA	NA	7/10/2017	NA	NA	NA	FLIR GF320	Infrared Training Center's	FLIR Optical Gas Imaging	Certification	No			
110070131585		See attached Monitoring Plan with Survey at end of plan														
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Valve	0	Valve	0	Valve
0	Valve	0	N/A	Valve	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Connector	4	Connector	0	
Connector	0	Connector	0	10/12/2017	Connector	0	N/A	1000B TVA	N/A	N/A	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Pressure Relief Device	4			
Pressure Relief Device	0	Pressure Relief Device	0	9/28/2017	Pressure Relief Device	0	N/A	1000B TVA	N/A	N/A	N/A	N/A	N/A			
0	9/28/2017	Pressure Relief Device	0	N/A	1000B TVA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Open-Ended Line	0	Open-Ended Line		
Line	0	Open-Ended Line	0	Open-Ended Line	0	N/A	Open-Ended Line	0	N/A	Open-Ended Line	0	N/A	Open-Ended Line			
0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Flange	0	Flange	0	Flange
0	Flange	0	N/A	Flange	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Compressor	0	Compressor	0	
Compressor	0	Compressor	0	N/A	Compressor	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Instrument	0	Instrument	0	
Instrument	0	Instrument	0	N/A	Instrument	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Meter	0	Meter	0	Meter
0	Meter	0	N/A	Meter	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	32 Dehy	9/12/2017	6:30	15:30	Gordy Guillen	75	Clear and sunny	13 mph	1000B TVA	none	Other	0	Other	0	Other
0	Other	0	N/A	Other	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72	Clear and sunny	13 mph	1000B TVA	none	Valve	1	Valve	0	Valve
0	Valve	0	10/12/2017	Valve	0	N/A	1000B TVA	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72	Clear and sunny	13 mph	1000B TVA	none	Connector	8	Connector	0	
Connector	0	Connector	0	10/12/2017	Connector	0	N/A	1000B TVA	N/A	N/A	N/A	N/A	N/A			
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72	Clear and sunny	13 mph	1000B TVA	none	Pressure Relief Device	0			
Pressure Relief Device	0	Pressure Relief Device	0	Pressure Relief Device	0	Pressure Relief Device	0	Pressure Relief Device	0	Pressure Relief Device	0	Pressure Relief Device	0			

0	N/A	Pressure Relief Device	0	N/A	N/A	N/A	N/A	N/A	N/A	
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72			
Clear and sunny	13 mph	1000B TVA	none	Open-Ended Line	0	Open-Ended Line	0	Open-Ended Line		
Line	0	Open-Ended Line	0	Open-Ended Line	0	N/A	Open-Ended Line			
0	N/A	N/A	N/A	N/A	N/A					
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72			
Clear and sunny	13 mph	1000B TVA	none	Flange	1	Flange	0	Flange		
0	Flange	0	10/12/2017	Flange	0	N/A	1000B TVA	N/A	N/A	
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72			
Clear and sunny	13 mph	1000B TVA	none	Compressor	0	Compressor	0	Compressor	0	
Compressor	0	Compressor	0	N/A	Compressor	0	N/A	N/A	N/A	
N/A	N/A									
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72			
Clear and sunny	13 mph	1000B TVA	none	Instrument	0	Instrument	0	Instrument	0	
Instrument	0	Instrument	0	N/A	Instrument	0	N/A	N/A	N/A	
N/A	N/A									
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72			
Clear and sunny	13 mph	1000B TVA	none	Meter	0	Meter	0	Meter	0	
0	Meter	0	N/A	Meter	0	N/A	N/A	N/A	N/A	
110070131883	1	CMS Dehy	9/13/2017	7:00	14:00	Gordy Guillen	72			
Clear and sunny	13 mph	1000B TVA	none	Other	0	Other	0	Other	0	
0	Other	0	N/A	Other	0	N/A	N/A	N/A	N/A	
110070131882	1	National Dehy	9/25/2017 & 9/26/2017	7:00 AM	3:30 PM	Gordy Guillen	62 to 85 degrees F	"Sunny, no clouds"	13 mph	1000B TVA
None	Threaded Connection	1	Threaded Connection	0	Threaded Connection	0	Threaded Connection	0	Threaded Connection	0
17	Threaded Connection	0	10/19/2017	Threaded Connection	0	N/A				
Soapy water as per Method 21	N/A	N/A	N/A							
110070131882	1	National Dehy	9/25/2017 & 9/26/2017	7:00 AM	3:30 PM	Gordy Guillen	62 to 80 degrees F	"Sunny, no clouds"	13 mph	1000B TVA
None	Flange	0	Flange	0	Flange	120	Flange	0	N/A	Flange
0	N/A	N/A	N/A	N/A	N/A					
110070131882	1	National Dehy	9/25/2017 & 9/26/2017	7:00 AM	3:30 PM	Gordy Guillen	62 to 80 degrees F	"Sunny, no clouds"	13 mph	1000B TVA
None	Compressor Seal	0	Compressor Seal	0	Compressor Seal	0	Compressor Seal	0	Compressor Seal	0
Compressor Seal	0	N/A	Compressor Seal	0	N/A	N/A	N/A	N/A	N/A	N/A
110070131882	1	National Dehy	9/25/2017 & 9/26/2017	7:00 AM	3:30 PM	Gordy Guillen	62 to 80 degrees F	"Sunny, no clouds"	13 mph	1000B TVA
None	Pump Seal	0	Pump Seal	0	Pump Seal	0	Pump Seal	0	N/A	
Pump Seal	0	N/A	N/A	N/A	N/A	N/A				
110070131882	1	National Dehy	9/25/2017 & 9/26/2017	7:00 AM	3:30 PM	Gordy Guillen	62 to 80 degrees F	"Sunny, no clouds"	13 mph	1000B TVA
None	Valve	2	Valve	0	Valve	34	Valve	0	10/20/2017	Valve
0	N/A	Soapy water as per Method 21	N/A	N/A	N/A					
110070131882	1	National Dehy	9/25/2017 & 9/26/2017	7:00 AM	3:30 PM	Gordy Guillen	62 to 80 degrees F	"Sunny, no clouds"	13 mph	1000B TVA
None	Other	3	Other	0	Other	17	Other	0	10/18/2017	Other
0	N/A	1000B TVA	N/A	N/A	N/A					
110070131882	1	Metson Dehy	10/3/2017	7:30 AM	3:30 PM	Gordy Guillen	65 to 80 degrees F	Sunny & clear	10 mph	1000B TVA
Connection	3	Threaded Connection	0	Threaded Connection	33	Threaded Connection	0	Threaded Connection	0	Threaded Connection
Connection	0	"1 threaded connection repaired on 10/20/17, 2 expected to be repaired before due date of 11/2/17"	Threaded Connection	0	N/A	N/A	N/A			
N/A	N/A									
110070131882	1	Metson Dehy	10/3/2017	7:30 AM	3:30 PM	Gordy Guillen	65 to 80 degrees F	Sunny & clear	10 mph	1000B TVA
Flange	0	Flange	15	Flange	0	N/A	Flange	0	N/A	Flange
N/A	N/A									

110070131882 1 Metson Dehy 10/3/2017 7:30 AM 3:30 PM Gordy Guillen
65 to 80 degrees F Sunny & clear 10 mph 1000B TVA None Compressor Seal
0 Compressor Seal 0 Compressor Seal 0 Compressor Seal 0 N/A
Compressor Seal 0 N/A N/A N/A N/A N/A

110070131882 1 Metson Dehy 10/3/2017 7:30 AM 3:30 PM Gordy Guillen
65 to 80 degrees F Sunny & clear 10 mph 1000B TVA None Pump Seal 0
Pump Seal 0 Pump Seal 0 Pump Seal 0 N/A Pump Seal 0 N/A
N/A N/A N/A N/A

110070131882 1 Metson Dehy 10/3/2017 7:30 AM 3:30 PM Gordy Guillen
65 to 80 degrees F Sunny & clear 10 mph 1000B TVA None Valve 2
Valve 0 Valve 7 Valve 0 N/A Valve 0 N/A Soapy water as
per Method 21 N/A N/A N/A

110070131882 1 Metson Dehy 10/3/2017 7:30 AM 3:30 PM Gordy Guillen
65 to 80 degrees F Sunny & clear 10 mph 1000B TVA None Other 0
Other 0 Other 5 Other 0 N/A Other 0 N/A N/A N/A N/A
N/A

110070131882 1 Alberta-Shale Dehy "10/4/2017, 10/5/2017 & 10/10/2017" 7:30
AM 3:30 PM Gordy Guillen 58 to 90 degrees F "Sunny, no clouds" 10 mph
1000B TVA None Threaded Connection 7 Threaded Connection 0 Threaded
Connection 34 Threaded Connection 0 10/19/2017 Threaded Connection 0
N/A Soapy water as per Method 21 N/A N/A N/A

110070131882 1 Alberta-Shale Dehy "10/4/2017, 10/5/2017 & 10/10/2017" 7:30
AM 3:30 PM Gordy Guillen 58 to 90 degrees F "Sunny, no clouds" 10 mph
1000B TVA None Flange 0 Flange 0 Flange 158 Flange 0 N/A
Flange 0 N/A N/A N/A N/A N/A

110070131882 1 Alberta-Shale Dehy "10/4/2017, 10/5/2017 & 10/10/2017" 7:30
AM 3:30 PM Gordy Guillen 58 to 90 degrees F "Sunny, no clouds" 10 mph
1000B TVA None Compressor Seal 0 Compressor Seal 0 Compressor Seal
0 Compressor Seal 0 N/A Compressor Seal 0 N/A N/A N/A N/A
N/A

110070131882 1 Alberta-Shale Dehy "10/4/2017, 10/5/2017 & 10/10/2017" 7:30
AM 3:30 PM Gordy Guillen 58 to 90 degrees F "Sunny, no clouds" 10 mph
1000B TVA None Pump Seal 0 Pump Seal 0 Pump Seal 0 Pump Seal
0 N/A Pump Seal 0 N/A N/A N/A N/A N/A

110070131882 1 Alberta-Shale Dehy "10/4/2017, 10/5/2017 & 10/10/2017" 7:30
AM 3:30 PM Gordy Guillen 58 to 90 degrees F "Sunny, no clouds" 10 mph
1000B TVA None Valve 0 Valve 0 Valve 56 Valve 0 N/A
Valve 0 N/A N/A N/A N/A N/A

110070131882 1 Alberta-Shale Dehy "10/4/2017, 10/5/2017 & 10/10/2017" 7:30
AM 3:30 PM Gordy Guillen 58 to 90 degrees F "Sunny, no clouds" 10 mph
1000B TVA None Other 5 Other 0 Other 11 Other 0 "4
repaired on 10/30/17, 1 expected to be repaired before due date of 11/2/17" Other
0 N/A 1000B TVA N/A N/A N/A

110070131882 1 MOCO Dehy "9/27/2017, 9/28/2017 & 10/9/2017" 7:30 AM 3:30
PM Gordy Guillen 75 to 92 degrees F Sunny & Clear to Hazy25 mph 1000B
TVA None Threaded Connection 66 Threaded Connection 0 Threaded
Connection 34 Threaded Connection 0 "33 threaded connections repaired by
10/26/17, 33 expected to be repaired by due date of 11/8/17" Threaded Connection
0 N/A Soapy water as per Method 21 N/A N/A N/A

110070131882 1 MOCO Dehy "9/27/2017, 9/28/2017 & 10/9/2017" 7:30 AM 3:30
PM Gordy Guillen 75 to 92 degrees F Sunny & Clear to Hazy25 mph 1000B
TVA None Flange 5 Flange 0 Flange 136 Flange 0 5 flanges
expected to be repaired before due date of 11/8/17 Flange 0 N/A N/A N/A
N/A N/A

110070131882 1 MOCO Dehy "9/27/2017, 9/28/2017 & 10/9/2017" 7:30 AM 3:30
PM Gordy Guillen 75 to 92 degrees F Sunny & Clear to Hazy25 mph 1000B
TVA None Compressor Seal 0 Compressor Seal 0 Compressor Seal 0
Compressor Seal 0 N/A Compressor Seal 0 N/A N/A N/A N/A N/A

110070131882	1	MOCO Dehy	"9/27/2017, 9/28/2017 & 10/9/2017"	7:30 AM	3:30							
PM	Gordy Guillen	75 to 92 degrees F	Sunny & Clear to Hazy	25 mph	1000B							
TVA	None	Pump Seal 0	Pump Seal 0	Pump Seal 0	Pump Seal 0							
N/A	Pump Seal 0	N/A	N/A	N/A	N/A							
110070131882	1	MOCO Dehy	"9/27/2017, 9/28/2017 & 10/9/2017"	7:30 AM	3:30							
PM	Gordy Guillen	75 to 92 degrees F	Sunny & Clear to Hazy	25 mph	1000B							
TVA	None	Valve 5	Valve 0	Valve 70	Valve 0	"3 valves repaired by 10/30/17, 2 expected to be repaired by due date of 11/8/17"	Valve 1					
						1 valve on PUC gas line requires partial shutdown of FWKO/production due to gas used for make-up gas at facility. Configuration of valve will be modified to provide isolation points.	Soapy water as per Method 21	N/A	N/A	N/A		
110070131882	1	MOCO Dehy	"9/27/2017, 9/28/2017 & 10/9/2017"	7:30 AM	3:30							
PM	Gordy Guillen	75 to 92 degrees F	Sunny & Clear to Hazy	25 mph	1000B							
TVA	None	Other 2	Other 0	Other 10	Other 0	10/26/2017						
Other	0	N/A	Soapy water as per Method 21	N/A	N/A	N/A						
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Valve 1	Valve 0	Valve 0						
Valve 0	10/20/2017	Valve 0	N/A	1000B TVA	N/A	N/A	N/A					
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Connector 0	Connector 0							
Connector 0	Connector 0	N/A	Connector 0	N/A	N/A	N/A	N/A					
N/A												
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Pressure Relief Device 2								
Pressure Relief Device 0	10/27/2017	Pressure Relief Device 0	N/A	1000B TVA	N/A	N/A	N/A					
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Open-Ended Line 0	Open-Ended Line 0							
Line 0	Open-Ended Line 0	N/A	Open-Ended Line 0	N/A	Open-Ended Line 0	N/A	N/A					
0	N/A	N/A	N/A	N/A	N/A							
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Flange 3	Flange 0	Flange 0						
0	Flange 0	10/20/2017	Flange 0	N/A	1000B TVA	N/A	N/A					
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Compressor 0	Compressor 0							
Compressor 0	Compressor 0	N/A	Compressor 0	N/A	N/A	N/A	N/A					
N/A	N/A											
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Instrument 0	Instrument 0							
Instrument 0	Instrument 0	N/A	Instrument 0	N/A	N/A	N/A	N/A					
N/A	N/A											
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Meter 0	Meter 0							
Meter 0	N/A	Meter 0	N/A	N/A	N/A	N/A	N/A					
110070131884	1	San Ardo Dehy	9/20/2017	6:30	15:30	Gordy Guillen	72					
Clear and sunny	5 mph	1000B TVA	none	Other 0	Other 0							
Other 0	N/A	Other 0	N/A	N/A	N/A	N/A	N/A					
110070131966	1	49-013-23315	9/26/2017	10:00 AM	10:10 AM	Kim Wells						
52 F	clear	6 mph	FLIR camera	None	NA 0	NA 0	NA 0	NA 0	NA 0	NA 0	NA 0	NA 0
0	NA 0	0	NA	NA	Prior operator who routinely conducts quarterly AVO inspections including WDEQ oversight and validation for program implementation	No						
NA												
110070131966	1	49-025-23646	9/26/2017	11:40 AM	11:50 AM	Kim Wells						
52 F	clear	6 mph	FLIR camera	None	NA 0	NA 0	NA 0	NA 0	NA 0	NA 0	NA 0	NA 0
0	NA 0	0	NA	NA	Prior operator who routinely conducts quarterly AVO inspections including WDEQ oversight and validation for program implementation	No						
NA												

110070131966 3 49-025-23595 9/26/2017 11:55 AM 12:05 PM Kim Wells
52 F clear 6 mph FLIR camera None NA 0 NA 0 NA 0 NA
0 NA 0 0 NA NA Prior operator who routinely conducts quarterly AVO
inspections including WDEQ oversight and validation for program implementation No
NA

110070131966 4 49-025-23429 9/26/2017 11:20 AM 11:30 AM Kim Wells
52 F clear 6 mph FLIR camera None NA 0 NA 0 NA 0 NA
0 NA 0 0 NA NA Prior operator who routinely conducts quarterly AVO
inspections including WDEQ oversight and validation for program implementation No
NA

110070131966 5 49-025-23624 9/26/2017 12:45 PM 12:55 PM Kim Wells
52 F clear 6 mph FLIR camera None NA 0 NA 0 NA 0 NA
0 NA 0 0 NA NA Prior operator who routinely conducts quarterly AVO
inspections including WDEQ oversight and validation for program implementation No
NA

110070131966 6 49-013-22003 9/26/2017 11:00 AM 11:10 AM Kim Wells
52 F clear 6 mph FLIR camera None NA 0 NA 0 NA 0 NA
0 NA 0 0 NA NA Prior operator who routinely conducts quarterly AVO
inspections including WDEQ oversight and validation for program implementation No
NA

110070131966 7 49-025-24015 9/26/2017 12:15 PM 12:30 PM Kim Wells
52 F clear 6 mph FLIR camera None NA 0 NA 0 NA 0 NA
0 NA 0 0 NA NA Prior operator who routinely conducts quarterly AVO
inspections including WDEQ oversight and validation for program implementation No
NA

110070131966 8 49-025-24018 9/26/2017 12:15 PM 12:30 PM Kim Wells
52 F clear 6 mph FLIR camera None NA 0 NA 0 NA 0 NA
0 NA 0 0 NA NA Prior operator who routinely conducts quarterly AVO
inspections including WDEQ oversight and validation for program implementation No
NA

110070131966 9 49-025-24019 9/26/2017 12:15 PM 12:30 PM Kim Wells
52 F clear 6 mph FLIR camera None NA 0 NA 0 NA 0 NA
0 NA 0 0 NA NA Prior operator who routinely conducts quarterly AVO
inspections including WDEQ oversight and validation for program implementation No
NA

110070131970 1 49-041-20230 9/12/2017 10:00 AM 10:15 AM Kim Wells
53 F clear 8 mph FLIR camera None NA 0 NA 0 NA 0 NA
0 NA 0 0 NA NA Prior operator who routinely conducts quarterly AVO
inspections including WDEQ oversight and validation for program implementation No
NA

110070131988 14 1-36R SOZ Tank Setting Well Site 6/16/2017 9:00 AM 2:00
PM Ralph Gutierrez 59°F "Sunny, No Clouds" 3.0 MPH Paradyne Company RKI Eagle
2 None None 0 None 0 "Valves, Connectors, PRD" 58 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 15 4-31S STV Tank Setting Well Site 6/21/2017 9:00 AM 12:00
PM Nick George 92°F "Sunny, No Clouds" 0 MPH Paradyne Company RKI Eagle
2 None None 0 None 0 "Valves, Connectors, PRD" 145 None 0
Not Applicable None 0 Not Applicable Not Applicable Not Applicable No
Not Applicable

110070131988 16 1-31S STV Tank Setting Well Site 6/21/2017 6:30 AM 9:00
AM Nick George 86°F "Sunny, No Clouds" 0 MPH Paradyne Company RKI Eagle
2 None None 0 None 0 "Valves, Connectors, PRD" 65 None 0
Not Applicable None 0 Not Applicable Not Applicable Not Applicable No
Not Applicable

110070131988 17 1-26R STV Tank Setting Well Site 5/8/2017 6:30 AM 2:00
PM Josh Thomas 81°F "Sunny, No Clouds" 6.0 MPH Paradyne Company RKI Eagle
2 None None 0 None 0 "Valves, Connectors, PRD" 179 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable

No Not Applicable

110070131988 18 2-1B SOZ Tank Setting Well Site 6/28/2017 6:30 AM 2:00
PM Tyler Hodson 94°F "Sunny, No Clouds" 12.0 MPH Paradyne Company RKI
Eagle 2 None None 0 None 0 "Valves, Connectors, PRD" 17 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 19 2-35S SOZ Tank Setting Well Site 5/11/2017 6:30 AM 2:00
PM Josh Thomas 82°F "Sunny, No Clouds" 9.0 MPH Paradyne Company RKI
Eagle 2 None None 0 None 0 "Valves, Connectors, PRD" 58 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 20 3-27S SOZ Tank Setting Well Site 6/13/2017 6:30 AM 2:00
PM Tyler Hodson 77°F "Sunny, No Clouds" 4.0 MPH Paradyne Company RKI
Eagle 2 None None 0 None 0 "Valves, Connectors, PRD" 60 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 21 2-2G SOZ Tank Setting Well Site 6/8/2017 6:30 AM 9:00 AM
Josh Thomas 69°F "Sunny, No Clouds" 5.0 MPH Paradyne Company RKI Eagle 2
None None 0 None 0 "Valves, Connectors, PRD" 37 None 0 Not
Applicable None 0 Not Applicable Not Applicable Not Applicable No
Not Applicable

110070131988 22 1A-1G-SOZ Tank Setting Well Site 6/12/2017 9:00 AM 12:00
PM Josh Thomas 62°F "Sunny, No Clouds" 3.0 MPH Paradyne Company RKI
Eagle 2 None None 0 None 0 "Valves, Connectors, PRD" 89 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 23 4-2G SOZ Tank Setting Well Site 6/8/2017 12:00 PM 2:00
PM Josh Thomas 83°F "Sunny, No Clouds" 10.0 MPH Paradyne Company RKI
Eagle 2 None None 0 None 0 "Valves, Connectors, PRD" 66 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 24 3-11G SOZ Tank Setting Well Site 6/8/2017 9:00 AM 12:00
PM Josh Thomas 75°F "Sunny, No Clouds" 7.0 MPH Paradyne Company RKI
Eagle 2 None None 0 None 0 "Valves, Connectors, PRD" 52 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 25 2-3G SOZ Tank Setting Well Site 6/27/2017 6:30 AM 2:00
PM Tyler Hodson 86°F "Sunny, No Clouds" 3.0 MPH Paradyne Company RKI
Eagle 2 None None 0 None 0 "Valves, Connectors, PRD" 97 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 26 1-12G SOZ Tank Setting Well Site 6/12/2017 6:30 AM 9:00
AM Josh Thomas 56°F "Sunny, No Clouds" 0 MPH Paradyne Company RKI Eagle
2 None None 0 None 0 "Valves, Connectors, PRD" 31 None 0
Not Applicable None 0 Not Applicable Not Applicable Not Applicable No
Not Applicable

110070131988 27 4-35R STV Tank Setting Well Site 6/19/2017 6:30 AM 2:00
PM Nick George 104° "Sunny, No Clouds" 13.0 MPH Paradyne Company RKI
Eagle 2 None None 0 None 0 "Valves, Connectors, PRD" 238 None
0 Not Applicable None 0 Not Applicable Not Applicable Not Applicable
No Not Applicable

110070131988 28 7H Tank Setting Well Site 6/19/2017 6:30 AM 12:00 PM
Scott Holley 86°F "Sunny, No Clouds" 0 MPH Paradyne Company RKI Eagle 2
None None 0 None 0 "Valves, Connectors, PRD" 312 None 0 Not
Applicable None 0 Not Applicable Not Applicable Not Applicable No
Not Applicable

110070131988 31 7H Booster to 1C Compressor Station 6/19/2017 12:00 PM
2:00 PM Scott Holley 104°F "Sunny, No Clouds" 13.0 MPH Paradyne Company

RKI Eagle 2	None	None	0	None	0	None	0	None	0	Not	
Applicable	None	0	Not	Applicable	Not	Applicable	Not	Applicable	Not	Applicable	
No											
Not Applicable											
110070131988	29	4-32S STV Tank Setting Well Site	6/21/2017	12:00 PM	2:00 PM	Josh Thomas	103°	"Sunny, No Clouds"	9.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	89	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											
110070131988	30	2-36R SOZ Tank Setting Well Site	6/16/2017	9:00 AM	2:00 PM	Ralph Gutierrez	64°F	"Sunny, No Clouds"	3.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	104	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											
110070131988	31	7H Booster to 1C Compressor Station	3/2/2017	12:00 PM	2:00 PM	Scott Holley	61°F	"Sunny, No Clouds"	7.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	None	0	None	0	None	0	Not
Applicable	None	0	Not	Applicable	Not	Applicable	Not	Applicable	Not	Applicable	Not
Applicable											
No											
110070131988	32	2-33R SOZ Tank Setting Well Site	6/19/2017	12:00 PM	2:00 PM	Nick George	104°F	"Sunny, No Clouds"	13.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	174	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											
110070131988	33	23S Tank Setting Well Site	4/10/2017	6:30 AM	2:00 PM	Nick George	62°F	"Sunny, No Clouds"	8.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	779	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											
110070131988	34	10G DEHY Tank Setting Well Site	4/25/2017	6:30 AM	2:00 PM	Nick George	62°F	Partly Cloudy	12.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	1166	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											
110070131988	35	18G DEHY Tank Setting Well Site	5/2/2017	6:30 AM	12:00 PM	Nick George	91°F	"Sunny, No Clouds"	8.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	2160	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											
110070131988	36	18G WW Tank Setting Well Site	5/2/2017	12:00 PM	2:30 PM	Nick George	91°F	"Sunny, No Clouds"	8.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	284	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											
110070131988	37	Section 23 Dehy Well Site	5/24/2017	9:45 AM	10:55 AM	Scott Holley	75°F	Partly Cloudy	1.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	1178	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											
110070131988	38	Fano Dehy Well Site	4/26/2017	8:30 AM	9:45 AM	Scott Holley	60°F	"Clear, No Clouds"	2.0 MPH	Paradyne Company	RKI Eagle 2
None	0	None	0	"Valves, Connectors, PRD"	245	None	0	Not	Applicable	None	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	None	
Applicable											
No											
110070131988	39	Section 26 South CVR Well Site	4/6/2017	10:50 AM	11:20 AM	Scott Holley	64°F	"Clear, No Clouds"	2.0 MPH	Paradyne Company	RKI Eagle 2
None	None	0	None	0	"Valves, Connectors, PRD"	170	None	0	Not	Applicable	
None	0	Not	Applicable	None	0	Not	Applicable	Not	Applicable	Not	
Applicable											
No											

110070131988	40	Section 23 Central CVR Well Site	4/1/2017	9:15 AM	9:40 AM	Scott Holley	58°F	"Clear, No Clouds"	3.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	"Valves, Connectors, PRD"	134	None	0	Not Applicable	None	0	Not Applicable	Not Applicable	Not Applicable	No	Not Applicable		
110070131988	41	North Unit Tank Setting Well Site	4/4/2017	10:15 AM	11:45 AM	Scott Holley	69°F	"Clear, No Clouds"	1.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	"Valves, Connectors, PRD"	262	None	0	Not Applicable	None	0	Not Applicable	Not Applicable	Not Applicable	Not	Applicable	No	Not Applicable
110070131988	42	Vedder 9 / Central Tank Setting Well Site	4/1/2017	8:30 AM	9:15 AM	Scott Holley	58°F	"Clear, No Clouds"	3.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	"Valves, Connectors, PRD"	268	None	0	Not Applicable	None	0	Not Applicable	Not Applicable	Not	Applicable	No	Not Applicable	
110070131988	43	Security Tank Setting Well Site	4/5/2017	8:00 AM	9:00 AM	Scott Holley	60°F	"Clear, No Clouds"	4.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	"Valves, Connectors, PRD"	51	None	0	Not Applicable	None	0	Not Applicable	Not Applicable	Not	Applicable	No	Not Applicable	
110070131988	44	South Unit Tank Setting Well Site	4/6/2017	10:00 AM	10:50 AM	Scott Holley	64°F	"Clear, No Clouds"	2.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	"Valves, Connectors, PRD"	158	None	0	Not Applicable	None	0	Not Applicable	Not Applicable	Not	Applicable	No	Not Applicable	
110070131988	45	29J Tank Setting Well Site	5/2/2017	8:45 AM	10:20 AM	Scott Holley	69°F	"Clear, No Clouds"	4.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	"Valves, Connectors, PRD"	154	None	0	Not Applicable	None	0	Not Applicable	Not Applicable	Not	Applicable	No	Not Applicable	
110070131988	46	Sulfa Treat Vessels Well Site	4/14/2017	10:10 AM	11:05 AM	Scott Holley	58°F	"Clear, No Clouds"	3.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	"Valves, Connectors, PRD"	135	None	0	Not Applicable	None	0	Not Applicable	Not Applicable	Not	Applicable	No	Not Applicable	
110070131988	47	GOU 32-33-19 Compressor Station	7/13/2017	6:30 AM	12:00 PM	Dustin Oliver	75°F	"Clear, No Clouds"	6.0 MPH	Paradyne Company	RKI Eagle 2	None	Compressor	5	None	0	None	0	None	0	7/13/2017	None	0	Not Applicable	Not Applicable	Not	Applicable	No	Not Applicable	
110070131988	48	Willows 60-1a Compressor Station	7/17/2017	9:00 AM	12:00 PM	Dustin Oliver	80°F	"Clear, No Clouds"	7.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	None	0	None	0	None	0	Not Applicable	None	0	Not Applicable	Not	Applicable	No	Not Applicable
110070131988	49	Houghton 1-25 Compressor Station	6/21/2017	6:30 AM	9:00 AM	Dustin Oliver	75°F	"Clear, No Clouds"	5.0 MPH	Paradyne Company	RKI Eagle 2	None	None	0	None	0	None	0	None	0	None	0	Not Applicable	None	0	Not Applicable	Not	Applicable	No	Not Applicable
110007982861	1	Fugitive Components at Compressor Station	8/8/2017	8:00 AM	2:00 PM	Tracey Collymore	68	Overcast	13 mph	Optical Gas Imaging/GFX-320	None	Valve	2	Valve	1	None	0	None	0	10/6/2017	Valve	1	Shutdown Required	"Method 21, 8.3.3 Alternative Screening Procedure"				Certified technician with 61 months of OGI experience. Refer to Appendix.	No	
110007982861	1	Fugitive Components at Compressor Station	8/8/2017	8:00 AM	2:00 PM	Tracey Collymore	68	Overcast	13 mph	Optical Gas Imaging/GFX-320	None	Connector	7	Connector	2	None	0	None	0	"9/11/2017"										

10/3/2017

10/4/2017" Connector 5 Shutdown Required "Method 21, 8.3.3 Alternative Screening Procedure" Certified technician with 61 months of OGI experience. Refer to

Appendix. No

110000808742 2 Fugitive Components at Compressor Station 8/7/2017 8:00 AM
1:30 PM Tracey Collymore 66 Mostly Cloudy 10 mph Optical Gas
Imaging/GFX-320 None Valve 3 None 0 None 0 None 0
8/22/2017 Valve 1 Shutdown Required "Method 21, 8.3.3 Alternative Screening
Procedure" Certified technician with 61 months of OGI experience. Refer to Appendix.
No

110070131981 1 Concord South 9/6/2017 8:30 AM 9:00 AM James Fischer
80 Partly Cloudy 10 mph FLIR GF320 Survey completed after 6/2017 Tank
Thief Hatches 4 None 0 None 0 None 0 9/13/2017 None 0
None FLIR GF320 Trained thermographer; 5 years experience with OGI surveys. No
None

110070131981 2 Janysek-Ecleto North 9/5/2017 10:00 AM 10:45 James
Fischer 80 Partly Cloudy 3 mph FLIR GF320 Survey completed after 6/2017
TTHs;Valves;Connectors 6;5;3 None 0 None 0 None 0 9/13/2017
None 0 None FLIR GF320 Trained thermographer; 5 years experience with OGI
surveys. No None

110070131981 3 Madelon 9/5/2017 11:00 AM 11:45 AM James Fischer 84
Partly Cloudy 3 mph FLIR GF320 Survey completed after 6/2017 Tank Thief
Hatch 1 None 0 None 0 None 0 9/13/2017 None 0 None
FLIR GF320 Trained thermographer; 5 years experience with OGI surveys. No None

110070131981 4 Mika 9/5/2017 12:45 1:15 PM James Fischer 85
Partly Cloudy 3 mph FLIR GF320 Survey completed after 6/2017
TTHs;Connectors;Flanges 8;2;5 None 0 None 0 None 0 9/20/2017
None 0 None FLIR GF320 Trained thermographer; 5 years experience with OGI
surveys. No None

110070131981 5 MZYK North 1H 9/5/2017 1:30 PM 2:15 PM James Fischer
86 Partly Cloudy 3 mph FLIR GF320 Survey completed after 6/2017
TTH;Valves;Flanges 1;1;1 None 0 None 0 None 0 9/20/2017 None
0 None FLIR GF320 Trained thermographer; 5 years experience with OGI surveys.
No None

110070131981 6 Stieren Ranch 9/5/2017 8:45 AM 9:30 AM James Fischer
78 Partly Cloudy 3 mph FLIR GF320 Survey completed after 6/2017
TTHs;Valves;Connectors 2;3;3 None 0 None 0 None 0 9/20/2017
None 0 None FLIR GF320 Trained thermographer; 5 years experience with OGI
surveys. No None

110070131981 7 Stone/Stone-Schuble 9/6/2017 9:45 AM 10:05 James
Fischer 80 Partly Cloudy 10 mph FLIR GF320 Survey completed after 6/2017
TTH;Valve 1;1 None 0 None 0 None 0 9/20/2017 None 0
None FLIR GF320 Trained thermographer; 5 years experience with OGI surveys. No
None

110070131945 1 Well Site - Grove CTB 11/4/2016 4:00 PM 4:35 PM Eric
Johnson 52 F Partly cloudy 3 mph Westshore OGI Camera None Thief
Hatch 3 n/a 0 n/a 0 n/a 0 n/a 0 n/a OVA & Soap
test Certified OGI Thermographer; completed 40-hour course at FLIR Infrared Training
Institute in New Hampshire. Has more than 500 hours over 7 years of OGI survey
experience.

110070131945 1 Well Site - Grove CTB 4/27/2017 5:30 PM 5:50 PM Eric
Johnson 70 F Partly cloudy 17.8 mph Westshore OGI Camera None Valve
1 n/a 0 n/a 0 n/a 0 n/a 0 n/a OVA & Soap test
Certified OGI Thermographer; completed 40-hour course at FLIR Infrared Training
Institute in New Hampshire. Has more than 500 hours over 7 years of OGI survey
experience.

110070131953 BOGGS 1 Boggs 1 Well 9/28/2017 8:00 a.m. 10: a.m. DR
Consulting 67°F Humidity 61% 3 mph microFID instrument None Valve
1 None 0 None 0 None None 0 Trained
Envolonmental and Regulatory Consultant

110070131989 1 Wiedeman Compressor Station 2/14/2017 8:00 AM 5:00 PM

Julio Salazar 38F "sunny, partial clouds" 12 mph method 21 none valve
 4 valve 0 valve 0 valve 0 2/15/2017 valve 2 snoop
 no

110070131989 1 Wiedeman Compressor Station 2/14/2017 8:00 AM 5:00 PM
 Julio Salazar 38F "sunny, partial clouds" 12 mph method 21 none
 connector 2 connector 0 connector 0 connector 0 15-Feb
 connector 2 snoop no

110070131989 1 Wiedeman Compressor Station 2/14/2017 8:00 AM 5:00 PM
 Julio Salazar 38F "sunny, partial clouds" 12 mph method 21 none
 flange 4 flange 2 flange 0 flange 0 4/17/2017 flange 2
 waiting on parts snoop no

110070131963 MK063 Paulson East 4/21/2017 10 a.m. 12 p.m. Torie Bauer
 50°F partly cloudy 8 mph FLIR GFX-320 None Thief Hatch 21
 6/16/2017 Thief Hatch 21 Unsafe to repair until next shutdown FLIR GFX-320

110070131963 MK509 Richard-Cheryl West 6/21/2017 9:15 a.m. 11 a.m.
 Luke Sundby 65°F partly cloudy 8 mph FLIR GFX-320 None Theif Hatch
 7 6/21/2017 FLIR GFX-320

110070131963 MK509 Richard-Cheryl West 6/21/2017 9:15 a.m. 11 a.m.
 Luke Sundby 65°F partly cloudy 8 mph FLIR GFX-320 None Kimray 1
 7/19/2017 FLIR GFX-320

110070131963 MK509 Richard-Cheryl West 6/21/2017 9:15 a.m. 11 a.m.
 Luke Sundby 65°F partly cloudy 8 mph FLIR GFX-320 None Nut 1
 7/19/2017 FLIR GFX-320

110070131963 MK510 Skarston Central 10/20/2016 9 a.m. 1:30 p.m. DNM
 and RJM 50°F partly cloudy 15 mph FLIR GFX-320 None Pipe Leak 3
 11/21/2016 Pipe Leak 3 Unsafe to repair until next shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 10/20/2016 9 a.m. 1:30 p.m. DNM
 and RJM 50°F partly cloudy 15 mph FLIR GFX-320 None Back Pressure
 Valve 2 11/22/2016 Back Pressure Valve 2 Unsafe
 to repair until next shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 10/20/2016 9 a.m. 1:30 p.m. DNM
 and RJM 50°F partly cloudy 15 mph FLIR GFX-320 None Kimray 2
 12/1/2016 Kimray 2 Unsafe to repair until next shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 10/20/2016 9 a.m. 1:30 p.m. DNM
 and RJM 50°F partly cloudy 15 mph FLIR GFX-320 None Green Enardo Tank
 Valve 2 12/1/2016 Green Enardo Tank Valve 2
 Unsafe to repair until next shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 10/20/2016 9 a.m. 1:30 p.m. DNM
 and RJM 50°F partly cloudy 15 mph FLIR GFX-320 None Theif Hatch 8
 11/23/2016 Theif Hatch 8 Unsafe to repair until next shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 10/20/2016 9 a.m. 1:30 p.m. DNM
 and RJM 50°F partly cloudy 15 mph FLIR GFX-320 None Flare 1
 11/21/2016 Flare 1 Unsafe to repair until next shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 3/30/2017 10:45 a.m. 12 p.m. "R
 Zavala, C Holdeman" 44°F cloudy 10 mph FLIR GFX-320 None Thief Hatch
 5 6/9/2017 Thief Hatch 5 Unsafe to repair until
 next shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 3/30/2017 10:45 a.m. 12 p.m. "R
 Zavala, C Holdeman" 44°F cloudy 10 mph FLIR GFX-320 None Vent Valve
 1 6/9/2017 Vent Valve 1 Unsafe to repair until next
 shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 3/30/2017 10:45 a.m. 12 p.m. "R
 Zavala, C Holdeman" 44°F cloudy 10 mph FLIR GFX-320 None Kimray 1
 Kimray 1 Unsafe to repair until next shutdown FLIR GFX-320

110070131963 MK510 Skarston Central 3/30/2017 10:45 a.m. 12 p.m. "R
 Zavala, C Holdeman" 44°F cloudy 10 mph FLIR GFX-320 None Regulators

2			6/9/2017	Regulators	2	Unsafe to repair until next shutdown		FLIR GFX-320
110070131963	MK510	Skarston Central	3/30/2017	10:45 a.m.	12 p.m.	"R	Zavala, C Holdeman"	44°F cloudy 10 mph FLIR GFX-320 None Y-Strainer
1			6/9/2017	Y-Strainer	1	Unsafe to repair until next shutdown		FLIR GFX-320
110070131963	MK517	Sax-Jay East	10/20/2016	1:30 p.m.	3 p.m.	DNM and	RJM 50°F mostly sunny 15 mph	FLIR GFX-320 None Flare 1
11/23/2016	Flare	1	Unsafe to repair until next shutdown		FLIR GFX-320			
110070131963	MK517	Sax-Jay East	10/20/2016	1:30 p.m.	3 p.m.	DNM and	RJM 50°F mostly sunny 15 mph	FLIR GFX-320 None Piping 2
11/23/2016	Piping	2	Unsafe to repair until next shutdown		FLIR GFX-320			
110070131963	MK517	Sax-Jay East	10/20/2016	1:30 p.m.	3 p.m.	DNM and	RJM 50°F mostly sunny 15 mph	FLIR GFX-320 None Theif Hatch 11
11/22/2016	Theif Hatch	11	Unsafe to repair until next shutdown		FLIR GFX-320			
110070131963	MK517	Sax-Jay East	10/20/2016	1:30 p.m.	3 p.m.	DNM and	RJM 50°F mostly sunny 15 mph	FLIR GFX-320 None Green Enardo Valve
1			11/22/2016	Green Enardo Valve	1	Unsafe to repair until next shutdown		FLIR GFX-320
110070131963	MK517	Sax-Jay East	3/30/2017	9:20 a.m.	10:30 a.m.	"R	Zavala, C Holdeman"	43°F cloudy 12 mph FLIR GFX-320 None Thief Hatch
2			5/25/2017	Thief Hatch	2	Unsafe to repair until next shutdown		FLIR GFX-320
110070131963	MK517	Sax-Jay East	3/30/2017	9:20 a.m.	10:30 a.m.	"R	Zavala, C Holdeman"	43°F cloudy 12 mph FLIR GFX-320 None Kimray 1
5/25/2017	Kimray	1	Unsafe to repair until next shutdown		FLIR GFX-320			
110070131963	MK517	Sax-Jay East	3/30/2017	9:20 a.m.	10:30 a.m.	"R	Zavala, C Holdeman"	43°F cloudy 12 mph FLIR GFX-320 None Flare Pilot
1			5/25/2017	Flare Pilot	1	Unsafe to repair until next shutdown		FLIR GFX-320
110070131963	MK519	Roscoe East	12/12/2016	9:30 a.m.	1 p.m.	Torie	Bauer -7°F sunny 12 mph	FLIR GFX-320 None Thief Hatch 1
110070131963	MK519	Roscoe East	12/12/2016	9:30 a.m.	1 p.m.	Torie	Bauer -7°F sunny 12 mph	FLIR GFX-320 None Green Enardo Valve 4
110070131963	MK519	Roscoe East	12/12/2016	9:30 a.m.	1 p.m.	Torie	Bauer -7°F sunny 12 mph	FLIR GFX-320 None "3/8"" Stainless Connection" 1
110070131963	MK519	Roscoe East	12/12/2016	9:30 a.m.	1 p.m.	Torie	Bauer -7°F sunny 12 mph	FLIR GFX-320 None Rail Road Union/Nipple 2
110070131963	MK519	Roscoe East	12/12/2016	9:30 a.m.	1 p.m.	Torie	Bauer -7°F sunny 12 mph	FLIR GFX-320 None "3/4"" Bolt on T" 1
110070131963	MK519	Roscoe East	3/30/2017	2 p.m.	3:15 p.m.	"R	Zavala, C Holdeman"	57°F cloudy 15 mph FLIR GFX-320 None Thief Hatch 1
6/6/2017	Thief Hatch	1	Unsafe to repair until next shutdown		FLIR GFX-320			
110070131963	MK519	Roscoe East	3/30/2017	2 p.m.	3:15 p.m.	"R	Zavala, C Holdeman"	57°F cloudy 15 mph FLIR GFX-320 None Kimray 3
6/6/2017	Kimray	3	Unsafe to repair until next shutdown		FLIR GFX-320			
110070131963	MN019	Panzer South	10/19/2016	4 p.m.	6:15 p.m.	DNM and	RJM 50°F partly cloudy 10 mph	FLIR GFX-320 None Thief Hatch 4
110070131963	MN019	Panzer South	10/19/2016	4 p.m.	6:15 p.m.	DNM and		

RJM 2	50°F	partly cloudy	10 mph	FLIR GFX-320 FLIR GFX-320	None	Green Enardo Vent	
110070131963 RJM FLIR GFX-320	50°F	MN019 partly cloudy	Panzer South 10 mph	10/19/2016 FLIR GFX-320	4 p.m. None	6:15 p.m. Kimray Regulator	DNM and 5
110070131963 RJM FLIR GFX-320	50°F	MN019 partly cloudy	Panzer South 10 mph	10/19/2016 FLIR GFX-320	4 p.m. None	6:15 p.m. Transmitter	DNM and 1
110070131963 RJM FLIR GFX-320	50°F	MN019 partly cloudy	Panzer South 10 mph	10/19/2016 FLIR GFX-320	4 p.m. None	6:15 p.m. Flare	DNM and 1
110070131963 Finken 6/20/2017	30°F	MN019 cloudy	Panzer South 14 mph	4/25/2017 FLIR GFX-320	12:45 p.m. None	2:45 p.m. Thief Hatch	Matt 4
		Thief Hatch	4	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Finken 6/20/2017	30°F	MN019 cloudy	Panzer South 14 mph	4/25/2017 FLIR GFX-320	12:45 p.m. None	2:45 p.m. Relief Valve	Matt 3
		Relief Valve	3	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Finken 6/20/2017	30°F	MN019 cloudy	Panzer South 14 mph	4/25/2017 FLIR GFX-320	12:45 p.m. None	2:45 p.m. Kimray Regulator	Matt 1
		Kimray Regulator	1	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Finken 6/20/2017	30°F	MN019 cloudy	Panzer South 14 mph	4/25/2017 FLIR GFX-320	12:45 p.m. None	2:45 p.m. Pipe Fitting	Matt 3
		Pipe Fitting	3	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Finken 6/20/2017	30°F	MN019 cloudy	Panzer South 14 mph	4/25/2017 FLIR GFX-320	12:45 p.m. None	2:45 p.m. In Line Valve	Matt 1
		In Line Valve	1	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Finken 6/28/2017	30°F	MN019 cloudy	Panzer South 14 mph	4/25/2017 FLIR GFX-320	12:45 p.m. None	2:45 p.m. Packing Tent	Matt 1
		Packing Tent	1	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Bauer 7/18/2017	56°F	MN022 cloudy	Vachal East 23 mph	5/29/2017 FLIR GFX-320	11:30 a.m. None	1: p.m. Thief Hatch	Torie 2
		Thief Hatch	2	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Bauer 9/18/2017	56°F	MN022 cloudy	Vachal East 23 mph	5/29/2017 FLIR GFX-320	11:30 a.m. None	1: p.m. Vent Line Connection	Torie 2
		Vent Line Connection	2	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Bauer 7/18/2017	56°F	MN022 cloudy	Vachal East 23 mph	5/29/2017 FLIR GFX-320	11:30 a.m. None	1: p.m. Green Enardo Vent	Torie 1
		Green Enardo Vent	1	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Bauer 7/18/2017	56°F	MN022 cloudy	Vachal East 23 mph	5/29/2017 FLIR GFX-320	11:30 a.m. None	1: p.m. Bull Plug	Torie 1
		Bull Plug	1	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Bauer 7/21/2017	42°F	MN024 sunny	Vachal West 10 mph	5/18/2017 FLIR GFX-320	10:30 a.m. None	12 p.m. Thief Hatch	Torie 6
		Thief Hatch	6	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Bauer 7/21/2017	42°F	MN024 sunny	Vachal West 10 mph	5/18/2017 FLIR GFX-320	10:30 a.m. None	12 p.m. Green Enardo	Torie 3
		Green Enardo	3	Unsafe to repair until next shutdown			FLIR GFX-320
110070131963 Bauer 6/14/2017	42°F	MN024 sunny	Vachal West 10 mph	5/18/2017 FLIR GFX-320	10:30 a.m. None	12 p.m. Flange	Torie 1
				FLIR GFX-320			
110070131963 DNM and RJM	50°F	MN071 cloudy	Bures-Charlie Sorenson West 15 mph	10/19/2016 FLIR GFX-320	None	12:20 p.m. Thief Hatch	19

FLIR GFX-320

110070131963 DNM and RJM FLIR GFX-320	MN071 50°F	Bures-Charlie Sorenson West cloudy 15 mph	FLIR GFX-320 None	10/19/2016	12:20 p.m.	Flare 1
110070131963 DNM and RJM FLIR GFX-320	MN071 50°F	Bures-Charlie Sorenson West cloudy 15 mph	FLIR GFX-320 None	10/19/2016	12:20 p.m.	Pressure Gauge 5
110070131963 DNM and RJM 3	MN071 50°F	Bures-Charlie Sorenson West cloudy 15 mph	FLIR GFX-320 None	10/19/2016	12:20 p.m.	Pipe Connections FLIR GFX-320
110070131963 DNM and RJM FLIR GFX-320	MN071 50°F	Bures-Charlie Sorenson West cloudy 15 mph	FLIR GFX-320 None	10/19/2016	12:20 p.m.	Transmitter 1
110070131963 DNM and RJM 1	MN071 50°F	Bures-Charlie Sorenson West cloudy 15 mph	FLIR GFX-320 None	10/19/2016	12:20 p.m.	Condensate Vent Pipe FLIR GFX-320
110070131963 a.m. Torie Bauer 7	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Thief Hatch FLIR GFX-320
110070131963 a.m. Torie Bauer Vent 1	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Green Enardo FLIR GFX-320
110070131963 a.m. Torie Bauer Valve 2	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Bleeder FLIR GFX-320
110070131963 a.m. Torie Bauer 5	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Needle Valve FLIR GFX-320
110070131963 a.m. Torie Bauer Gauge 3	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Pressure FLIR GFX-320
110070131963 a.m. Torie Bauer Gasket 1	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Flange FLIR GFX-320
110070131963 a.m. Torie Bauer Vent 2	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Atmospheric FLIR GFX-320
110070131963 a.m. Torie Bauer Meter 1	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Automation FLIR GFX-320
110070131963 a.m. Torie Bauer Assembly 1	MN071 49°F	Bures-Charlie Sorenson West cloudy 16 mph	FLIR GFX-320 None	5/29/2017	8:30 a.m.	11:30 Prob FLIR GFX-320
110070131963 FLIR GFX-320 FLIR GFX-320	WL061 None	Heen-Smith Farm West Enardo Valve 2		8/24/2016	9 a.m.	RJS and KMS
110070131963 FLIR GFX-320 FLIR GFX-320	WL061 None	Heen-Smith Farm West Theif Hatch 11		8/24/2016	9 a.m.	RJS and KMS
110070131963 FLIR GFX-320 FLIR GFX-320	WL061 None	Heen-Smith Farm West Kimray Regulator 3		8/24/2016	9 a.m.	RJS and KMS
110070131963 Torie Bauer	WL061 37°F	Heen-Smith Farm West mostly cloudy 7 mph		3/28/2017	9:15 a.m.	12 p.m. Thief Hatch

110070131963	WL061	Heen-Smith Farm West	3/28/2017	9:15 a.m.	12 p.m.				
Torie Bauer	37°F	mostly cloudy	7 mph	FLIR GFX-320	None	Tan Enardo			
Vent Line	2		4/25/2017			FLIR GFX-320			
110070131963	WL061	Heen-Smith Farm West	3/28/2017	9:15 a.m.	12 p.m.				
Torie Bauer	37°F	mostly cloudy	7 mph	FLIR GFX-320	None	Kimray			
Regulator	1		4/25/2017			FLIR GFX-320			
110070131963	WL076	Jack-Ruth East	5/30/2017	8:30 a.m.	10:45 a.m.				
Torie Bauer	51°F	sunny	9 mph	FLIR GFX-320	None	Thief Hatch	6		
7/17/2017	Thief Hatch	6	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	WL076	Jack-Ruth East	5/30/2017	8:30 a.m.	10:45 a.m.				
Torie Bauer	51°F	sunny	9 mph	FLIR GFX-320	None	Bull Plug	3		
7/17/2017	Bull Plug	3	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	WL076	Jack-Ruth East	5/30/2017	8:30 a.m.	10:45 a.m.				
Torie Bauer	51°F	sunny	9 mph	FLIR GFX-320	None	Rosemount	2		
7/17/2017	Rosemount	2	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	WL076	Jack-Ruth East	5/30/2017	8:30 a.m.	10:45 a.m.				
Torie Bauer	51°F	sunny	9 mph	FLIR GFX-320	None	Vic Clamp	1		
7/17/2017	Vic Clamp	1	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	WL076	Jack-Ruth East	5/30/2017	8:30 a.m.	10:45 a.m.				
Torie Bauer	51°F	sunny	9 mph	FLIR GFX-320	None	Green Enardo Vent	1		
7/17/2017	Green Enardo Vent	1	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	WL076	Jack-Ruth East	5/30/2017	8:30 a.m.	10:45 a.m.				
Torie Bauer	51°F	sunny	9 mph	FLIR GFX-320	None	Hammer Union	1		
7/17/2017	Hammer Union	1	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	WL080	Judy 2H	4/21/2017	1:15 p.m.	2:45 p.m.				Torie Bauer
58°F	partly cloudy	11 mph	FLIR GFX-320	None	None	0			
110070131963	WL124	Jack-Ruth West	5/30/2017	11 a.m.	12:45 p.m.				Torie
Bauer	59°F	sunny	14 mph	FLIR GFX-320	None	Thief Hatch	4		
7/17/2017	Thief Hatch	4	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	WL124	Jack-Ruth West	5/30/2017	11 a.m.	12:45 p.m.				Torie
Bauer	59°F	sunny	14 mph	FLIR GFX-320	None	Enardo Vent	1		
7/17/2017	Enardo Vent	1	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	WL127	Irgens Southwest	10/18/2016	8:30 a.m.	1:45 p.m.				
DNM and RJM	45°F	cloudy	15 mph	FLIR GFX-320	None	Kimray	2		
110070131963	WL127	Irgens Southwest	10/18/2016	8:30 a.m.	1:45 p.m.				
DNM and RJM	45°F	cloudy	15 mph	FLIR GFX-320	None	Thief Hatch	1		
110070131963	WL127	Irgens Southwest	3/23/2017	1:45 p.m.	3:15 p.m.				
Torie Bauer	52°F	partly cloudy	8 mph	FLIR GFX-320	None	Thief Hatch	6		
6		4/25/2017	Thief Hatch	6	Unsafe to repair until next shutdown				
			FLIR GFX-320						
110070131963	WL127	Irgens Southwest	3/23/2017	1:45 p.m.	3:15 p.m.				
Torie Bauer	52°F	partly cloudy	8 mph	FLIR GFX-320	None	Flare	1		
4/25/2017	Flare	1	Unsafe to repair until next shutdown			FLIR GFX-320			
110070131963	99 CDP	99 CDP	2/29/2016	8:15	16:30	Sam Hanna	79°F		
Unknown	9 mph	FLIR GF-320	None	Connector	1	NA	0	NA	0
0	3/1/2016	NA	0	NA	FLIR GF-320	Operators are trained in the use of the OGI camera and have many years of oil and gas experience	No	NA	
110070131963	99 CDP	99 CDP	2/29/2016	8:15	16:30	Sam Hanna	79°F		
Unknown	9 mph	FLIR GF-320	None	Connector	1	NA	0	NA	0
0	3/1/2016	NA	0	NA	FLIR GF-320	Operators are trained in the use of the OGI camera and have many years of oil and gas experience	No	NA	
110070131963	99 CDP	99 CDP	2/29/2016	8:15	16:30	Sam Hanna	79°F		

Unknown 9 mph FLIR GF-320 None Connector 1 NA 0 NA 0 NA
0 3/1/2016 NA 0 NA FLIR GF-320 Operators are trained in the use of
the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 2/29/2016 8:15 16:30 Sam Hanna 79°F
Unknown 9 mph FLIR GF-320 None Connector 1 NA 0 NA 0 NA
0 3/1/2016 NA 0 NA FLIR GF-320 Operators are trained in the use of
the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 2/29/2016 8:15 16:30 Sam Hanna 79°F
Unknown 9 mph FLIR GF-320 None Connector 1 NA 0 NA 0 NA
0 3/1/2016 NA 0 NA FLIR GF-320 Operators are trained in the use of
the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 2/29/2016 8:15 16:30 Sam Hanna 79°F
Unknown 9 mph FLIR GF-320 None Connector 1 NA 0 NA 0 NA
0 3/1/2016 NA 0 NA FLIR GF-320 Operators are trained in the use of
the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 2/29/2016 8:15 16:30 Sam Hanna 79°F
Unknown 9 mph FLIR GF-320 None Connector 1 NA 0 NA 0 NA
0 3/1/2016 NA 0 NA FLIR GF-320 Operators are trained in the use of
the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 6/20/2016 Unknown Unknown Dexter Env.
Unknown Unknown Unknown FLIR GF-320 None Connector 1 NA 0 NA
0 NA 0 6/20/2016 NA 0 NA FLIR GF-320 Operators are trained in
the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 6/20/2016 Unknown Unknown Dexter Env.
Unknown Unknown Unknown FLIR GF-320 None Connector 1 NA 0 NA
0 NA 0 6/20/2016 NA 0 NA FLIR GF-320 Operators are trained in
the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 6/20/2016 Unknown Unknown Dexter Env.
Unknown Unknown Unknown FLIR GF-320 None Connector 1 NA 0 NA
0 NA 0 6/20/2016 NA 0 NA FLIR GF-320 Operators are trained in
the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 9/12/2016 16:15 16:20 Technician 0492/0568
90°F Unknown 7 mph FLIR GF-320 None Connector 1 NA 0 NA 0
NA 0 9/12/2016 NA 0 NA FLIR GF-320 Operators are trained in the
use of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 2/7/2017 14:40 14:43 Hanna/Whitlock
81°F Clear 14 mph FLIR GF-320 None Connector 1 NA 0 NA 0
NA 0 2/7/2017 NA 0 NA FLIR GF-320 Operators are trained in the use
of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 2/7/2017 14:33 14:43 Hanna/Whitlock
81°F Clear 14 mph FLIR GF-320 None Connector 1 NA 0 NA 0
NA 0 2/7/2017 NA 0 NA FLIR GF-320 Operators are trained in the use
of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 2/7/2017 15:45 15:50 Hanna/Whitlock
81°F Clear 14 mph FLIR GF-320 None Connector 1 NA 0 NA 0
NA 0 2/7/2017 NA 0 NA FLIR GF-320 Operators are trained in the use
of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 5/16/2017 Unknown Unknown Hanna Unknown
Unknown Unknown FLIR GF-320 None Connector 1 NA 0 NA 0 NA
0 5/16/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of
the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 5/16/2017 Unknown Unknown Hanna Unknown
Unknown Unknown FLIR GF-320 None Connector 1 NA 0 NA 0 NA
0 6/10/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of
the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 5/16/2017 Unknown Unknown Hanna Unknown
Unknown Unknown FLIR GF-320 None Connector 1 NA 0 NA 0 NA

0 5/29/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 5/16/2017 Unknown Unknown Hanna Unknown
Unknown Unknown FLIR GF-320 None Valve 1 NA 0 NA 0 NA
0 5/26/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 5/16/2017 Unknown Unknown Hanna Unknown
Unknown Unknown FLIR GF-320 None BPV Control Valve 1 NA 0 NA
0 NA 0 5/26/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 99 CDP 99 CDP 5/16/2017 Unknown Unknown Hanna Unknown
Unknown Unknown FLIR GF-320 None BPV Control Valve 1 NA 0 NA
0 NA 0 6/10/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 Blaha-Dilworth A Pad Blaha-Dilworth A Pad 2/7/2017 15:15
15:20 Hanna 66°F Clear 4 mph FLIR GF-320 None Connector 1 NA
0 NA 0 NA 0 2/7/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 Powers J Pad Powers J Pad 7/25/2017 15:10 15:12 Trent
H/Joey G Unknown Unknown Unknown FLIR GF-320 None ruelco reset relay
1 NA 0 NA 0 7/29/2017 NA 0 NA FLIR GF-320
Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 Powers J Pad Powers J Pad 7/25/2017 15:12 15:15 Trent
H/Joey G Unknown Unknown Unknown FLIR GF-320 None Well J4H Ruelco MP-
2 1 NA 0 NA 0 NA 0 7/29/2017 NA 0 NA FLIR GF-320
Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 STS CDP STS CDP 6/23/2017 13:50 13:51 Trent H/Joey G
Unknown Unknown Unknown FLIR GF-320 None "1/2"" ball valve" 1 NA
0 NA 0 NA 0 6/24/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 STS CDP STS CDP 6/23/2017 13:51 13:52 Trent H/Joey G
Unknown Unknown Unknown FLIR GF-320 None Block/bleed 1 NA 0
NA 0 NA 0 6/23/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 STS CDP STS CDP 6/24/2017 15:20 15:21 Trent H/Joey G
Unknown Unknown Unknown FLIR GF-320 None valve 1 NA 0 NA
0 NA 0 6/25/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 Weeks Battery/CDP Weeks Battery/CDP 6/20/2017 9:13 9:14
Trent H/Joey G Unknown Unknown Unknown FLIR GF-320 None "2"" valve"
1 NA 0 NA 0 NA 0 6/20/2017 NA 0 NA FLIR GF-320
Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 Weeks Battery/CDP Weeks Battery/CDP 6/20/2017 9:37 9:40
Trent H/Joey G Unknown Unknown Unknown FLIR GF-320 None "1"" union"
1 NA 0 NA 0 NA 0 6/20/2017 NA 0 NA FLIR GF-320
Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 Weeks Battery/CDP Weeks Battery/CDP 6/20/2017 11:32 11:34
Trent H/Joey G Unknown Unknown Unknown FLIR GF-320 None ESD 1
NA 0 NA 0 NA 0 6/20/2017 NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 Y-Bar CDP Y-Bar CDP 6/29/2017 11:10 11:11 Trent H/Joey G
Unknown Unknown Unknown FLIR GF-320 None Thief Hatch 1 NA 0
NA 0 NA 0 7/4/2017 NA 0 NA FLIR GF-320 Operators are trained
in the use of the OGI camera and have many years of oil and gas experience No NA

110070131963 Powers G Pad Powers G Pad 2/7/2017 Unknown Unknown Hanna
66°F Unkown 4 mph FLIR GF-320 None None 0 NA 0 NA 0 NA
0 NA NA 0 NA FLIR GF-320 Operators are trained in the use of the OGI
camera and have many years of oil and gas experience NA

110070131963 Strmiska GU1 B Pad Strmiska GU1B 2/9/2017 9:30 9:35
Hanna 49°F Unkown 9 mph FLIR GF-320 None Valve 1 NA 0 NA
0 NA 0 3/13/2017 Valve 0 Delay to receive part for replacement
FLIR GF-320 Operators are trained in the use of the OGI camera and have many years
of oil and gas experience NA

110070131968 1 Moon Compressor Station 6/14/2017 11:30 AM 12:30 AM
Greg Stroscher 85 degrees F "Sunny, no clouds" 11 FLIR GF320 None
Valve 3 NA NA NA NA NA "6/21/2017, 7/19/2017" NA NA
NA FLIR GF320 Infrared Training Center's FLIR Optical Gas Imaging Certification.
Has 3 years experience with OGI surveys No

110070131968 1 Moon Compressor Station 6/14/2017 11:30 AM 12:30 AM
Greg Stroscher 85 degrees F "Sunny, no clouds" 11 FLIR GF320 None
Connector 1 NA NA NA NA NA "6/14/2017, 7/19/2017" NA
NA NA FLIR GF320 Infrared Training Center's FLIR Optical Gas Imaging
Certification. Has 3 years experience with OGI surveys No

110070131969 1 Mutual Compressor Station 6/14/2017 9:50 AM 10:20 AM
Greg Stroscher 81 degrees F "Sunny, no clouds" 9 mph FLIR GF320 None
Connector 2 Connector 2 NA NA NA NA tbd Connector 2
replacement parts leaked FLIR GF320 Infrared Training Center's FLIR Optical Gas
Imaging Certification. Has 3 years experience with OGI surveys No

110070131943 1 Well Site - Maywhorter 4/14/2017 2:30 PM 3:15 PM Eric
Johnson 65 F Partly Cloudy 4.4 mph Westshore OGI Camera None Anchor
bolts on tank 3 n/a 0 n/a 0 n/a 0 4/20/2017 n/a 0 n/a
Westshore OGI Camera Certified OGI Thermographer; completed 40-hour course at FLIR
Infrared Training Institute in New Hampshire. Has more than 500 hours over 7 years of
OGI survey experience.

110070131943 1 Well Site - Maywhorter 4/14/2017 2:30 PM 3:15 PM Eric
Johnson 65 F Partly Cloudy 4.4 mph Westshore OGI Camera None Pop-off
on wellhead 1 n/a 0 n/a 0 n/a 0 4/20/2017 n/a 0 n/a
Westshore OGI Camera Certified OGI Thermographer; completed 40-hour course at FLIR
Infrared Training Institute in New Hampshire. Has more than 500 hours over 7 years of
OGI survey experience.

110070131985 16050 RG 24-29-298 Pad 5/10/2017 11:25:00 11:50:00 Lukas
Miley 76 Sunny 3 OGI Survey Camera There were no deviations from the
monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 2233 RG 24-14-298 Pad 5/10/2017 10:50:00 11:25:00 Lukas
Miley 77 Sunny 3 OGI Survey Camera There were no deviations from the
monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 15927 RGU 43-23-198 Pad 5/10/2017 13:19:00 13:45:00
Lukas Miley 74 Sunny 4 OGI Survey Camera There were no deviations from
the monitoring plan below.
Trained Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years
of experience with OGI Survey.

110070131985 16214 Rulison 180 5/21/2017 15:03:00 15:05:00 Brandon
Sagrillo 92 Sunny 0 OGI Survey Camera There were no deviations from the
monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of

experience with OGI Survey.

110070131985 16699 Wasatch 800 CS 5/21/2017 14:00:00 14:52:00 Brandon
Sagrillo 88 Sunny 0 OGI Survey Camera There were no deviations from the
monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 1115 GR 14-28 Pad 5/21/2017 7:00:00 7:30:00 Brandon
Sagrillo 72 Sunny 4 OGI Survey Camera There were no deviations from the
monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 15658 Starkey Tank Facility 5/21/2017 7:30:00 8:00:00
Brandon Sagrillo 72 Sunny 4 OGI Survey Camera There were no deviations
from the monitoring plan below.
Trained Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years
of experience with OGI Survey.

110070131985 16226 Riley Tank Facility 5/21/2017 8:10:00 8:45:00
Brandon Sagrillo 74 Sunny 4 OGI Survey Camera There were no deviations
from the monitoring plan below.
Trained Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years
of experience with OGI Survey.

110070131985 1071 GM 41-4 Pad 5/21/2017 10:00:00 10:28:00 Brandon
Sagrillo 70 Partly Cloudy 0 OGI Survey Camera There were no deviations
from the monitoring plan below.
Trained Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years
of experience with OGI Survey.

110070131985 1772 MV 16-9 Pad 5/21/2017 9:00:00 9:40:00 Brandon
Sagrillo 68 Sunny 0 OGI Survey Camera There were no deviations from the
monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 3810 TR 44-27-597 Pad 5/7/2017 12:12:00 12:28:00 Gabe
Wilkins 65 Partly Cloudy 10 OGI Survey Camera There were no deviations
from the monitoring plan below.
Trained Thermographer; completed 40-hour course at FLIR Training Course. Has 5 years
of experience with OGI Survey.

110070131985 7719 TR 24-21-597 5/7/2017 10:30:00 10:59:00 Gabe
Wilkins 65 Partly Cloudy 7 OGI Survey Camera There were no deviations
from the monitoring plan below.
Trained Thermographer; completed 40-hour course at FLIR Training Course. Has 5 years
of experience with OGI Survey.

110070131985 16506 RU 21-8 Pad 5/15/2017 9:10:00 9:40:00 Lukas Miley
74 Sunny 3 OGI Survey Camera There were no deviations from the monitoring
plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 16231 RU 44-7 Pad 5/15/2017 8:40:00 9:00:00 Lukas Miley
74 Sunny 3 OGI Survey Camera There were no deviations from the monitoring
plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 3204 RU 34-6 Pad 5/15/2017 9:45:00 10:05:00 Lukas Miley
73 Sunny 0 OGI Survey Camera There were no deviations from the monitoring
plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 3186 RU 13-6 Pad 5/15/2017 10:15:00 10:45:00 Lukas Miley
76 Sunny 3 OGI Survey Camera There were no deviations from the monitoring

plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 15102 RU 42-7 Pad 5/15/2017 8:00:00 8:30:00 Lukas Miley
74 Sunny 3 OGI Survey Camera There were no deviations from the monitoring
plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 15070 SR 43-12 Pad 5/20/2017 11:15:00 11:35:00 Lukas
Miley 80 Sunny 2 OGI Survey Camera There were no deviations from the
monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 16594 RU 14-6 TF 5/20/2017 11:40:00 12:00:00 Lukas Miley
80 Sunny 2 OGI Survey Camera There were no deviations from the monitoring
plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 3325 Juhan Tank Facility 5/20/2017 13:00:00 13:30:00
Lukas Miley 80 Sunny 2 OGI Survey Camera There were no deviations from
the monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years
of experience with OGI Survey.

110070131985 15170 Federal RGU 32-25-198 Pad 5/21/2017 12:15:00 12:40:00
Lukas Miley 82 Sunny 2 OGI Survey Camera There were no deviations from
the monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years
of experience with OGI Survey.

110070131985 15932 RGU 42-26-198 Pad 5/21/2017 11:30:00 12:00:00
Lukas Miley 82 Sunny 1 OGI Survey Camera There were no deviations from
the monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years
of experience with OGI Survey.

110070131985 3197 RU 22-7 Pad 5/22/2017 10:00:00 10:20:00 Lukas Miley
77 Sunny 2 OGI Survey Camera There were no deviations from the monitoring
plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131985 16214 Rulison 180 10/4/2017 10:24:00 11:03:00 Brandon
Sagrillo 63 Sunny 3 OGI Survey Camera There were no deviations from the
monitoring plan below. Trained
Thermographer; completed 40-hour course at FLIR Training Course. Has 4 years of
experience with OGI Survey.

110070131992 1 RN102585965 7/28/2017 Julian Boze 96 N/A 9
MPH FLIR Camera None "Valves, Regulators, SS tubing, Controllers, Compressor
Packings and Pockets, Flange" "(3) Needle Valves, (2) SS tubing, (2) Regulators, (5)
cylinder pockets, (2) level controllers, (1) flange" none 0 none 0 none
0 8/23/2017 none 0 none Snoop was used on each repair to verify leak was
fixed. "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 2 RN109822098 7/24/2017 Julian Boze 90 N/A 10
MPH FLIR Camera None "Displacer Housing Packing vents, Level Controller"
"(2) Displacer Housings, (1) Level controller" none 0 none 0 none 0
8/17/2017 none 0 none Snoop was used on each repair to verify leak was
fixed. "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 3 RN102608031 7/24/2017 Julian Boze 90 N/A 10
MPH FLIR Camera None "Fuel Valve, Crankcase Housing Vent, Regulator, Level
controller, Cylinder Pockets, Temperatrure Controllers" "(1) Regulator, (110
Crankcase housing vent, (1) Regulator, (1) Controller, (1) Cylinder Pocket, (2) Temp.
Controllers" none 0 none 0 none 0 8/12/2017 none 0 none

Snoop was used on each repair to verify leak was fixed. "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 4 RN105481949 8/10/2017 Julian Boze 84 N/A 6
 MPH FLIR Camera None "Fuel Valve, Regulator, Level Controller" "(1) Fuel Valve, (1) Regulator, (1) Level Controller" none 0 none 0 none 0
 9/4/2017 none 0 none Snoop was used on each repair to verify leak was fixed. "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 5 RN104009196 8/10/2017 Julian Boze 84 N/A 6
 MPH FLIR Camera None "Crankcase housing vents, Displacer Housing vents" "(1) Crankcase housing vent, (1) Displacer Housing vent" none 0 none 0
 none 0 9/6/2017 none 0 none Snoop was used on each repair to verify leak was fixed. "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 6 42-365-38228 5/5/2017 Julian Boze 71 N/A 6
 MPH FLIR Camera None Hi/Lo exhaust valve (1) exhaust valve none 0
 none 0 none 0 5/24/2017 none 0 none Snoop was used on each repair to verify leak was fixed. "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 7 42-365-38229 8/17/2017 Julian Boze 95 N/A
 10 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
 no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 8 42-365-38227 8/17/2017 Julian Boze 95 N/A
 10 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
 no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 9 42-365-38225 5/5/2017 Julian Boze 71 N/A 6
 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
 no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 10 42-365-38261 5/5/2017 Julian Boze 71 N/A 6
 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
 no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 11 42-365-38161 8/16/2017 Julian Boze 93 N/A
 13 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
 no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 12 42-365-38251 8/16/2017 Julian Boze 93 N/A
 13 MPH FLIR Camera None "Regulator, Hi/Lo exhaust valve" "(1) Regulator, (1) Hi/Lo exhaust valve" none 0 none 0 none 0
 0 none Snoop was used on each repair to verify leak was fixed. "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 13 42-365-38160 8/16/2017 Julian Boze 93 N/A
 13 MPH FLIR Camera None Hi/Lo exhaust valve (1) exhaust valve none 0
 none 0 none 0 9/7/2017 none 0 none Snoop was used on each repair to verify leak was fixed. "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 14 42-365-38272 8/16/2017 Julian Boze 93 N/A
 13 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
 no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 15 42-365-38273 8/16/2017 Julian Boze 93 N/A
 13 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
 no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3 years experience " no n/a

110070131992 16 42-365-30794 10/25/2017 Julian Boze 73 N/A
 11 MPH FLIR Camera None No issues 0 none 0 none 0 none 0

no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3
years experience " no n/a

110070131992 17 42-365-32642 10/25/2017 Julian Boze 73 N/A
11 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3
years experience " no n/a

110070131992 18 42-365-35657 10/25/2017 Julian Boze 73 N/A
11 MPH FLIR Camera None No issues 0 none 0 none 0 none 0
no issues none 0 none no issues "Optical Gas Imageing provided by ITC, 3
years experience " no n/a

110070131942 1 Well site - Oesterle 9/13/2016 3:50 PM 4:10 PM Eric
Johnson 75 F Partly cloudy 8 mph Westshore OGI Camera None
Compression fitting 2 n/a 0 n/a 0 n/a 0 9/13/2017 n/a 0
n/a OVA & Soap test Certified OGI Thermographer; completed 40-hour course at FLIR
Infrared Training Institute in New Hampshire. Has more than 500 hours over 7 years of
OGI survey experience.

110070131942 1 Well site - Oesterle 5/1/2017 3:55 PM 4:10 PM Eric
Johnson 58 F Overcast 12.7 mph Westshore OGI Camera None n/a 0
n/a 0 n/a 0 n/a 0 n/a n/a 0 n/a n/a Certified OGI
Thermographer; completed 40-hour course at FLIR Infrared Training Institute in New
Hampshire. Has more than 500 hours over 7 years of OGI survey experience.

110070131944 1 Well Site - McIntosh 4/14/2017 3:30 PM 4:15 PM Eric
Johnson 65 F Partly Cloudy 4.4 mph Westshore OGI Camera None Anchor
bolts on tank 2 n/a 0 n/a 0 n/a 0 4/20/2017 n/a 0 n/a
Westshore OGI Camera Certified OGI Thermographer; completed 40-hour course at FLIR
Infrared Training Institute in New Hampshire. Has more than 500 hours over 7 years of
OGI survey experience.

110070131944 1 Well Site - McIntosh 4/14/2017 3:30 PM 4:15 PM Eric
Johnson 65 F Partly Cloudy 4.4 mph Westshore OGI Camera None Nut on
heater treater 1 n/a 0 n/a 0 n/a 0 4/14/2017 n/a 0 n/a
Westshore OGI Camera Certified OGI Thermographer; completed 40-hour course at FLIR
Infrared Training Institute in New Hampshire. Has more than 500 hours over 7 years of
OGI survey experience.

587 22 9772 0 159

"DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION

FOR INTERNAL USE ONLY"

Template Name 60.5420a(b) Annual Report (Spreadsheet Template)

CitationID 60.5420a(b)

Template Version v. 1.00

Last Updated Date

"40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for
which Construction, Modification or Reconstruction Commenced After September 18, 2015 -
60.5420a(b) Annual Report

"

"For each pneumatic pump affected facility, an owner or operator must include the
information specified in paragraphs (b)(8)(i) through (iii) of this section in all
annual reports: "

The asterisk (*) next to each field indicates that the corresponding field is required.

Pneumatic Pumps Previously Reported that have a Change in Reported Condition During the
Reporting Period

"Facility Record No. *

(Select from dropdown list - may need to scroll up)" Identification of Each Pump *
 (§60.5420a(b)(1)) "Was the pneumatic pump constructed, modified, or reconstructed during the reporting period? *

(§60.5420a(b)(8)(i))" "Which condition does the pneumatic pump meet? *

(§60.5420a(b)(8)(i))" "If your route emissions to a control device and the control device is designed to achieve <95% emissions reduction, specify the percent emissions reduction. *

(§60.5420a(b)(8)(i)(C))" "Identification of Each Pump *

(§60.5420a(b)(8)(ii))" "Date Previously Reported*

(§60.5420a(b)(8)(ii))" "Which condition does the pneumatic pump meet? *

(§60.5420a(b)(8)(ii))" "If you now route emissions to a control device and the control device is designed to achieve <95% emissions reduction, specify the percent emissions reduction. *

(§60.5420a(b)(8)(ii) and §60.5420a(b)(8)(i)(C))" "Records of deviations where the pneumatic pump was not operated in compliance with requirements*

(§60.5420a(b)(8)(iii) and §60.5420a(c)(16)(ii))"

XML Tag: PumpId PumpConstruct PumpCondition PumpReductionPercent
 PumpChangeId PumpChangeDate PumpChangeCondition PumpChangeReductionPercent
 PumpDeviation

e.g.: Pump 12-e-2 e.g.: modified e.g.: Emissions are routed to a control device
 or process e.g.: 90% e.g.: Pump 12-e-2 e.g.: 10/15/17 e.g.: Control
 device/process removed and technically infeasible to route elsewhere e.g.: 90%
 e.g.: deviation of the CVS inspections

110070131970	1	Pumps 1-2	modified	emissions are routed to a control device or process	> 95%
110043800875	1	SoRust-Gast	Constructed	Emissions are routed to Suction of Compressor	100
110043800875	2	Lv31-1 Sand	Constructed	Emissions are routed to Suction of Compressor	100
110043800875	3	Lv17-1 Sand	Constructed	Emissions are routed to Suction of Compressor	100
110043800875	2	Lv31-2 Sand	Constructed	Emissions are routed to Suction of Compressor	100
110070131963	Blaha-Dilworth A Pad	Pump 1	Constructed	Emissions are not routed to a control device	NA
	Not Available	Pump 1	NA	Technically infeasible to route to control device	Not Available
110070131963	Franklin D Pad	Pump 1	Constructed	Emissions are not routed to a control device	NA
	Not Available	Pump 1	NA	Technically infeasible to route to control device	Not Available
110070131963	Franklin D Pad	Pump 2	Constructed	Emissions are not routed to a control device	NA
	Not Available	Pump 2	NA	Technically infeasible to route to control device	Not Available
110070131963	Franklin D Pad	Pump 3	Constructed	Emissions are not routed to a control device	NA
	Not Available	Pump 3	NA	Technically infeasible to route to control device	Not Available
110070131963	Franklin D Pad	Pump 4	Constructed	Emissions are not routed to	

a control device NA Pump 4 NA Technically infeasible to route to control
device Not Available Not Available

110070131992 CGU 07-53HH P-53 no Atmospheric N/A P-53 1st report
"Temporary pneumatic injection Pump, will be removed when tubing pressure reduces "
N/A none

110070131992 CGU 07-54HH P-54 no Atmospheric N/A P-54 1st report
"Temporary pneumatic injection Pump, will be removed when tubing pressure reduces "
N/A none

110070131992 CGU 07-55HH P-55 no Atmospheric N/A P-55 1st report
"Temporary pneumatic injection Pump, will be removed when tubing pressure reduces "
N/A none

Comments

ExcelTemp3 Comments

Comment 5: Witt, Jon:

Frac wells

ExcelTemp4 Comments

Comment 8: Mia, Marcia:

similar requiremnets for storage vessels? It doesn't look like its referenced from the report.

Comment 7: Mia, Marcia:

Add for recip comp, pneumatic pumps